

BASIN TABLES

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources						
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage	
												Combined Volume (acre-ft)	Combined Surface Area (acres)	
Agua Fria	None	Agua Fria	Yavapai & Maricopa	B22, C8.1, C8.2, C14.1, C14.2	5 amphibian; 13 bird; 6 fish; 1 invertebrate; 6 mammal; 3 reptile species. Of these, 3 fish, 2 bird and 1 reptile species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Agua Fria River	48 miles of perennial flow	1,811	27,788 - 34,454	29,599 - 36,265	YES			
						Perennial tributary reaches of Ash, Big Bug, Black Canyon, Grapevine, Humbug, Indian, Little Ash, Little Sycamore, Silver, Sycamore and Turkey creeks, Horner Gulch and Little Hackberry Wash	60 miles of perennial flow				YES			
						Instream Flow ⁴	2 applications: Big Bug Creek (1) and Turkey Creek (1); 2 certificates: Ash Creek (1) and Sycamore Creek (1)				YES			
						Springs	5 major springs with flow range from 14 to 340 gpm					870		
							14 minor springs with flow range from 1 to 6 gpm 294-297 total springs					65		
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	32 stream miles, 1 major spring				YES			
						Effluent/Other Water ⁵	WWTP discharge to Agua Fria (at Black Canyon City) and unnamed watercourse (at Mayer)					NR		
						Reservoirs (5 total)	1 large reservoir (Lake Pleasant)						1,108,600	
							2 small reservoirs 2 small reservoirs						63	13
Stockponds/Wildlife Catchments	527 stockponds / 13 catchments													
TOTALS								1,811	27,788 - 34,454	29,599 - 36,265		935	1,108,663	13

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² Baseflow measurement on the Agua Fria River at the Rock Springs gage.

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

⁵ Water features receiving discharge from wastewater treatment plants may not be Effluent-Dependent Waters. Effluent-Dependent Waters are presented in the basin maps.

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NOTE: The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

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													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Aravaipa Canyon	None	Lower San Pedro	Graham, Pinal	B1, C5.1, C5.2, C12.1, C12.2	4 amphibian; 19 bird; 8 fish; 6 mammal; 2 reptile species. Of these, 4 fish, 3 bird and 1 amphibian species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Aravaipa Creek	18 miles of perennial flow; ADEQ Outstanding Arizona Water	11,591	7,793 - 16,692	19,384 - 28,283	YES				
						Perennial tributary reaches of Deer, Parsons Canyon, Turkey, Virgus Canyon creeks	32 miles of perennial flow				YES				
						Instream Flow ⁴	1 application: Oak Grove Canyon; 4 certificates: Aravaipa Creek				YES				
						Springs	7 major springs with flow range from 10 to 100 gpm								339
							15 minor springs with flow range from 1 to 6 gpm								70
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	33 stream miles, 4 major springs				YES				
						Effluent/Other Water ⁵	None								
						Reservoirs (4 total)	2 small reservoirs								117
							2 small reservoirs								38
Stockponds/Wildlife Catchments	349 stockponds/5 catchments														
TOTALS							11,591	7,793 - 16,692	19,384 - 28,283		409	117	38		

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² Baseflow measurement at Aravaipa Creek near Mammoth gage.

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													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Big Sandy	Fort Rock, Wikieup	Big Sandy, Hualapai Wash	Yavapai & Mohave	B2, C9.1, C.9.2, C14.1, C14.2	4 amphibian; 12 bird; 5 fish; 5 mammal; 2 reptile species. Of these, 3 bird and 1 fish species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Big Sandy River	11 miles of perennial flow					YES			
						Perennial reaches of Cottonwood, Knight, Trout, and Wright creeks	38 miles of perennial flow					YES			
						Instream Flow ⁴	1 application: Big Sandy River					YES			
						Springs	6 major springs with flow range from 10 to 1600 gpm						4742		
							11 minor springs with flow range from 1 to 5 gpm						50		
							165 - 179 total springs								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	None								
						Effluent/Other Water ⁵	None								
						Reservoirs (11 total)	1 large reservoir								117
3 small reservoirs									492						
7 small reservoirs										92					
Stockponds/Wildlife Catchments	426 stockponds / 4 catchments														
TOTALS												4,792	609	92	

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² No baseflow measurements.

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Bill Williams	Alamo Reservoir, Burro Creek, Clara Peak, Santa Maria, Skull Valley	Big Sandy, Burro, Santa Maria, Bill Williams, Centennial Wash	Yavapai, Mohave, La Paz	B3, C7.1, C7.2, C9.1, C9.2, C14.1, C14.2	3 amphibian; 16 bird; 9 fish; 6 mammal; 2 reptile species. Of these, 5 fish and 4 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Bill Williams	22 miles of perennial flow	5,796	79,511 - 126,244	85,307 - 132,040	YES			
						Big Sandy	20 miles of perennial flow				YES			
						Burro Creek	37 miles of perennial flow; ADEQ Outstanding Arizona Water				YES			
						Perennial reaches of Bland, Boulder, Bridle, Conger, Date, Francis, Kirkland, Peeples Canyon, Pine, Spencer, Sycamore, Waterman and Wilder creeks, Copper Basin Wash, Mountain Spring Wash, Colorado and Santa Maria rivers	73 miles of perennial flow. Francis and Peeples Canyon creeks are ADEQ Outstanding Arizona Waters				YES			
						Instream Flow ⁴	4 applications: Big Sandy River (1), Bill Williams River (1), Burro Creek (1), Francis Creek (1); 1 certificate: Bill Williams River; 1 permit: Peoples Canyon Creek				YES			
						Springs	6 major springs with flow range from 18 to 228 gpm					886		
							13 minor springs with flow range from 1 to 9 gpm 249 - 303 total springs					75		
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	37 stream miles				YES			
						Effluent/Other Water ⁵	None							
						Reservoirs (21 total)	2 large reservoir (Alamo, Havasu)						117	
3 small reservoirs							504							
16 small reservoirs								203						
Stockponds/Wildlife Catchments	796 stockponds / 29 catchments													
TOTALS								5,796	79,511 - 126,244	85,307 - 132,040		961	621	203

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² Baseflow measurement at Bill Williams River near Parker gage.

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Bonita Creek	None	Upper Gila-San Carlos Reservoir, San Carlos	Graham	B16, C5.1, C5.2	4 amphibian; 14 bird; 6 fish; 4 mammal; 3 reptile species. Of these, 1 amphibian, 3 bird, 2 fish and 1 reptile species are federally listed as endangered, threatened or candidate species under the Environmental Species Act.	Bonita Creek	14 miles of perennial flow; ADEQ Outstanding Arizona Water					YES			
						Instream Flow ⁴	1 application: Bonita Creek				YES				
						Springs	1 major spring with flow of 20 gpm					32			
							4 minor springs with flow range from 2 to 8 gpm					25			
							37-41 total springs								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	14 stream miles					YES			
						Effluent/Other Water ⁵	None					NR			
						Reservoirs (17 total)	1 large reservoir								59
2 small reservoirs								289							
14 small reservoirs									121						
Stockponds/Wildlife Catchments	24 stockponds / 0 catchments														
TOTALS												57	289	180	

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² No baseflow measurements.

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														Combined Volume (acre-ft)	Combined Surface Area (acres)	
Butler Valley	None	Bouse Wash	La Paz	B23, C7.1, C7.2	1 amphibian; 4 bird; 4 mammal species. Of these, 1 bird species is federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Perennial Streams	None									
						Instream Flow ⁴	None									
						Springs	1 spring < 1 gpm									
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	None									
						Effluent/Other Water ⁵	None									
						Reservoirs (1 total)	1 large (Cunningham)									143
						Stockponds/Wildlife Catchments	7 stockponds / 3 catchments									
						TOTALS										

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													Combined Volume (acre-ft)	Combined Surface Area (acres)
Cienega Creek	None	Rillito, Upper San Pedro, Upper Santa Cruz	Santa Cruz, Pima, Cochise	B27, C2.1, C2.2, C11.1, C11.2, C13.1, C13.2	6 amphibian, 19 bird, 7 fish, 1 invertebrate, 4 mammal and 3 reptile species; of these 2 amphibian, 3 bird, 3 fish, 1 invertebrate and 1 reptile species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Cienega Creek	12 miles of perennial flow; ADEQ Outstanding Arizona Water	797	8,022 - 8,299	8,819 - 9,095	YES			
						Perennial reaches of Sonoita, Red Rock Canyon, Alum Gulch, Harshaw Canyon and Mattie Canyon	34 miles of perennial flow; Davidson Canyon ADEQ Outstanding Arizona Water				YES			
						Instream Flow ⁴	6 applications: Big Casa Blanca Canyon Creek (1), Cave Creek (1), Gardner Canyon Creek (1), Harshaw Creek, Redrock Canyon Creek (1) and Temporal Gulch (1); 1 certificate: Cienega Creek				YES			
						Springs	8 major springs with flow range from 10 to 430 gpm					1,318		
							2 minor springs with flow range from 3 to 4 gpm					11		
							78 total springs							
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	10 stream miles, 1 spring				YES			
						Effluent/Other Water ⁵	Effluent-Dependent Water: Sonoita Creek (0.16 mi.)					73		
Reservoirs (4 total)	2 small 2 small						68	10						
Stockponds/Wildlife Catchments	426 stockponds / 5 catchments													
TOTAL							797	8,022 - 8,299	8,819 - 9,095		1,402	68	10	

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² Baseflow measurement at Pantano Wash near Vail gage in the Tucson AMA.

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

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Coconino Plateau	None	Lower Little Colorado, Moenkopi Wash, Lower Colorado-Marble Canyon, Grand Canyon, Havasu Canyon	Coconino	B4N, B4S, C3.1N, C3.1S, C3.2N, C3.2S	5 amphibian; 13 bird; 9 fish; 3 invertebrate; 7 mammal; 1 reptile species. Of these, 4 fish, 3 bird and 1 invertebrate species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Colorado River	153 miles of perennial (regulated) flow					NO				
						Perennial reaches of Little Colorado River, Boulder, Monument, Garden, Pipe, Hermit, Matkatamiba, Havasu, Royal Arch, Three Springs, West Cataract and Diamond creeks	44 miles of perennial flow					YES				
						Instream Flow ⁴	None									
						Springs	29 major springs with flow range from 10 to 101,600 gpm					218,245				
							28 minor springs with flow range from 1 to 8 gpm					132				
						87- 116 total springs										
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	128 stream miles, 10 major springs						YES (some streams)			
						Effluent/Other Water ⁵	WWTP discharge to unnamed wash (Valle Airport); Cataract Creek, Bright Angel Wash (South Rim); Coconino Wash (Tusayan) and Mohawk Canyon (Williams)							NR		
							Effluent-Dependent Waters: Bright Angel Wash (7 mi.) and Cataract Creek (0.62 mi)									
						Reservoirs (57 total)	5 large reservoirs									4,939
7 large reservoirs											850					
8 small reservoirs											892					
37 small reservoirs												521				
Stockponds/Wildlife Catchments	757 stockponds / 40 catchments															
TOTALS												218,377	5,831	1,371		

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² No baseflow measurements

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											Combined Volume (acre-ft)	Combined Surface Area (acres)		
Detrital Valley	None	Detrital Wash, Lake Mead, Havasu-Mohave Lakes	Mohave	B9, C9.1, C9.2	3 amphibian; 11 bird; 1 fish; 1 invertebrate and 5 mammal species. Of these, 1 fish, 2 bird and 1 amphibian species are federally listed as endangered, threatened or candidate species under the Environmental Species Act.	Colorado River	27 miles of perennial (regulated) flow					NO		
						Instream Flow ⁴	None							
						Springs	1 major spring normally submerged by Lake Mead					1,200		
							4 minor springs; flows range from 3 to 6 gpm					34		
							24 to 27 springs							
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	27 stream miles					NO		
						Effluent/Other Water ⁵	None							
						Reservoirs (1 total)	1 large (Lake Mead)							29,755,000
Stockponds/Wildlife Catchments	43 stockponds / 3 catchments													
TOTALS												1,234	29,755,000	

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Donnelly Wash	None	Middle Gila	Pinal	B1; C12.1, C12.2	2 amphibian; 13 bird; 4 fish; 3 mammal and 2 reptile species. Of these, 1 fish and 3 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Gila River	Regulated flow; may be perennial					YES			
						Perennial reach of Box Canyon	3 miles of perennial flow					YES			
						Instream Flow ⁴	None								
						Springs	12 to 14 springs								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	None								
						Effluent/Other Water ⁵	None								
						Reservoirs (2 total)	2 small reservoirs								10
						Stockponds/Wildlife Catchments	89 stockponds / 4 catchments								
TOTALS														10	

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Douglas	None	Whitewater Draw, Willcox Playa	Cochise	B5, C2.1, C2.2	3 amphibian; 17 bird; 3 fish; 4 mammal and 4 reptile species. Of these, 1 amphibian, 1 fish, 3 bird and 1 reptile species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Perennial reach of Leslie Creek	2 miles of perennial flow					YES			
						Instream Flow ⁴	1 certificate: Leslie Creek				YES				
						Springs	6 minor springs; flows range from 1 to 4 gpm 6-10 total springs				21				
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	2 stream miles				YES				
						Effluent/Other Water ⁵	WWTP discharge to Whitewater Draw								
						Reservoirs (3 total)	3 small						28		
						Stockponds/Wildlife Catchments	254 stockponds / 1 catchment								
						TOTALS									

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Dripping Springs Wash	None	Middle Gila, San Carlos	Pinal, Gila	B1, C4,1, C4,2, C12.1, C12.2	3 amphibian; 18 bird; 5 fish; 4 mammal and 2 reptile species. Of these, 1 amphibian, 2 fish and 3 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Gila River	3 miles perennial (regulated) flow					NO			
						Perennial reach of Mescal Creek and Dripping Springs Wash	4 miles perennial flow				YES				
						Instream Flow ⁴	1 certificate: Mescal Creek				YES				
						Springs	2 major springs with flow range from 165 to 200 gpm 76-99 total springs					589			
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	2 stream miles, 1 major spring				YES				
						Effluent/Other Water ⁵	None								
						Reservoirs	None								
						Stockponds/Wildlife Catchments	79 stockponds / 6 catchments								
TOTALS													589		

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² No baseflow measurements

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

⁵ Water features receiving discharge from wastewater treatment plants may not be Effluent-Dependent Waters. Effluent-Dependent Waters are presented in the basin maps.

NR = not reported

NOTE: The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Duncan Valley	None	Upper Gila-Mangas	Greenlee, Cochise	B6, C2.1, C2.2, C6.1, C6.2	4 amphibian; 13 bird; 3 fish; 5 mammal and 2 reptile species. Of these, 1 amphibian and 3 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Gila River	26 miles perennial flow					YES			
						Instream Flow ⁴	1 application: Gila River				YES				
						Springs	2 major springs with flow range from 15 to 30 gpm				73				
							1 minor spring with flow of 6 gpm				10				
							30 to 36 springs								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	6 stream miles, 1 major spring				YES				
						Effluent/Other Water ⁵	None								
						Reservoirs (3 total)	1 large						124		
2 small							38								
Stockponds/Wildlife Catchments	373 stockponds / 3 catchments														
TOTALS												83	162		

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² No baseflow measurements

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources						
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage	
													Combined Volume (acre-ft)	Combined Surface Area (acres)
Gila Bend	None	Lower Gila-Painted Rock Reservoir, Tenmile Wash	Maricopa	B7, C8.1, C8.2	4 amphibian; 12 bird; 4 mammal and 2 reptile species. Of these, 3 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Gila River	Effluent and agricultural return flows may support flow					NO		
						Instream Flow ⁴	None							
						Springs	0 to 1 spring							
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	None							
						Effluent/Other Water ⁵	Effluent-Dependent Water: unnamed wash (2 mi.)							
						Reservoirs (3 total)	1 large (Painted Rock, usually dry) 2 small					4,831,500		
						Stockponds/Wildlife Catchments	24 stockponds / 21 catchments					171		
TOTALS													4,831,671	

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² No baseflow measurements

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⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources						
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage	
												Combined Volume (acre-ft)	Combined Surface Area (acres)	
Grand Wash	None	Grand Wash, Lake Mead	Mohave	B8, C9.1, C9.2	3 amphibian; 11 bird; 3 fish; 1 invertebrate and 5 mammal species. Of these, 1 amphibian, 1 fish and 3 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Colorado River	4 miles perennial (regulated) flow					NO		
						Instream Flow ⁴	None							
						Springs	6 major springs with flow range from 13 to 75 gpm					372		
							9 minor spring with flow of 2 to 9 gpm					43		
							47 to 52 springs							
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	4 stream miles, 5 major springs					NO		
						Effluent/Other Water ⁵	None							
						Reservoirs (1 total)	1 large (Lake Mead - see Lake Mohave Basin)							
Stockponds/Wildlife Catchments	109 stockponds / 16 catchments													
TOTALS												415		

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² No baseflow measurements

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⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources								
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage			
														Combined Volume (acre-ft)	Combined Surface Area (acres)	
Harquahala	None	Centennial Wash, Bouse Wash	Maricopa; La Paz	B23, C7.1, C7.2, C8.1, C8.2	2 amphibian; 10 bird and 4 mammal species. Of these, 2 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Perennial Streams	None									
						Instream Flow ⁴	None									
						Springs	0 to 1 spring <1 gpm									
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	None									
						Effluent/Other Water ⁵	None									
						Reservoirs (1 total)	1 small									17
						Stockponds/Wildlife Catchments	42 stockponds / 9 catchments									
TOTALS															17	

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² No baseflow measurements

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

⁵ Water features receiving discharge from wastewater treatment plants may not be Effluent-Dependent Waters. Effluent-Dependent Waters are presented in the basin maps.

NR = not reported

NOTE : The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
												Combined Volume (acre-ft)	Combined Surface Area (acres)		
Hualapai Valley	None	Lake Mead, Red Lake, Detrital Wash	Mohave	B9, C9.1, C9.2	4 amphibian; 14 bird; 1 fish and 5 mammal species. Of these, 1 amphibian, 1 fish and 4 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Colorado River	21 miles perennial (regulated) flow					NO			
						Instream Flow ⁴	None								
						Springs	3 major springs with flow range from 10 to 25 gpm					86			
							19 minor springs with flow of 1 to 7 gpm					79			
							30 to 36 springs								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	21 stream miles					NO			
						Effluent/Other Water ⁵	None								
						Reservoirs (4 total)	2 large (Lake Mead - see Lake Mohave Basin, and Red Lake)								
2 small									145	12					
Stockponds/Wildlife Catchments	72 stockponds / 9 catchments														
TOTALS											165	13,424			

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² No baseflow measurements

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NR = not reported

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources									
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage				
													Combined Volume (acre-ft)	Combined Surface Area (acres)			
Kanab Plateau	None	Fort Pierce Wash, Kanab, Lower Colorado-Marble Canyon	Coconino, Mohave	B10, C3.1N, C3.1S, C3.2N, C3.2S, C9.1, C9.2	5 amphibian; 11 bird; 8 fish; 1 invertebrate and 7 mammal species. Of these, 2 bird, 4 fish and 1 invertebrate species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Colorado River	49 miles perennial (regulated) flow					NO					
						Kanab Creek	24 miles perennial flow					YES					
						Perennial reaches of Bright Angel, Clear, Crystal, Deer, Dragon, Nankoweap, North Canyon, Phantom, Roaring Springs, Shinumo, Tapeats, Thunder River and White creeks, North Canyon Wash and Paria River and unnamed watercourse	65 miles perennial flow					YES					
						Instream Flow ⁴	None										
						Springs	38 major springs with flow range from 10 to 18,763 gpm						85,130				
							23 minor springs with flow of 1 to 9 gpm						102				
							181 to 190 springs										
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	52 stream miles, 28 major springs								YES (some streams)		
						Effluent/Other Water ⁵	Effluent-Dependent Water: Trancept Canyon (2.44 mi.)										
						Reservoirs (13 total)	1 large (Fredonia)										2,710
2 large												83					
1 small											104						
9 small												112					
Stockponds/Wildlife Catchments	705 stockponds / 36 catchments																
TOTALS												85,232	2,814	195			

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources								
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage			
														Combined Volume (acre-ft)	Combined Surface Area (acres)	
Lake Havasu	None	Sacramento Wash, Havasu-Mohave Lakes	Mohave	B11, C9.1, C9.2	2 amphibian; 15 bird; 3 fish; 6 mammal and 2 reptile species. Of these, 1 amphibian, 4 bird and 3 fish species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Colorado River	38 miles perennial (regulated) flow					NO				
						Instream Flow ⁴	None									
						Springs	3 springs < 1gpm									
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	8 stream miles				NO					
						Effluent/Other Water ⁵	None									
						Reservoirs (1 total)	1 large (Lake Havasu)								651,000	
						Stockponds/Wildlife Catchments	0 stockponds / 8 catchments									
TOTALS														651,000		

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NOTE : The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Lake Mohave	None	Havasu-Mohave Lakes	Mohave	B12N, B12S, C9.1, C9.2	3 amphibian; 13 bird; 3 fish; 1 invertebrate and 5 mammal species. Of these, 1 amphibian, 2 fish and 4 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Colorado River	122 miles perennial (regulated) flow					NO			
						Instream Flow ⁴	None								
						Springs	10 major springs with flow range from 20 to 400 gpm					1,344			
							2 minor springs with flow of 1 to 5 gpm					10			
							27 to 29 springs								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	80 stream miles, 9 major springs; CO River entitlement of 41,839 acre-ft/yr for the Havasu National Wildlife Refuge				NO				
						Effluent/Other Water ⁵	WWTP discharge to Fort Mohave Treatment Wetland					45			
							WWTP discharge to unidentified watercourse at Bullhead City					78			
Reservoirs ⁶ (7 total)	2 large (Mead and Mohave lakes)							31,573,300							
	3 large (Topock Marsh, Lost Lake, Beal Lake)								4,868						
	2 small								30						
Stockponds/Wildlife Catchments	3 stockponds / 20 catchments														
TOTALS												1,477	31,573,300	4,898	

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² No baseflow measurements

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⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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⁶ Lake Mead extends into Detrital, Grand Wash, Meadview and Hualapai basins.

NR = not reported

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources						
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage	
													Combined Volume (acre-ft)	Combined Surface Area (acres)
Little Colorado River Plateau	None	Lower Lake Powell, Lower San Juan-Four Corners, Middle San Juan, Chaco, Chinle, Lower San Juan, Little Colorado River Headwaters, Upper little Colorado, Carrizo Wash, Zuni, Silver, Upper Puerco, Lower Puerco, Middle Little Colorado, Leroux Wash, Chevelon Canyon, Cottonwood Wash, Corn-oraibi, Polacca Wash, Jadito Wash, Canyon Diablo, Lower Little Colorado, Dinnebito Wash, Moenkopi Wash	Coconino, Apache, Navajo	B13N, B13C, B13S, C1.1N, C1.1S, C1.2N, C1.2S, C3.1N, C3.1S, C3.2N, C3.2S, C10.1N, C10.1S, C10.2N, C10.2S	7 amphibian; 18 bird; 14 fish; 4 invertebrate, 9 mammal and 2 reptile species. Of these, 1 amphibian, 4 bird, 7 fish, 1 invertebrate and 1 mammal species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Little Colorado River	72 miles perennial (regulated) flow				YES			
						Perennial reaches of Colorado River, Silver Creek, Chevelon Canyon, East Clear Creek, Navajo Creek, Walker Creek and 80 other watercourses	812 miles perennial flow. Colorado River and Silver Creek flow regulated. Lee Valley Creek and West Fork Little Colorado River ADEQ Outstanding Arizona Waters				YES			
						Instream Flow ⁴	12 applications: Billy Creek (3), Brown Creek (1), Chevelon Creek (2), Coyote Creek (1), East Clear Creek (1), Mineral Creek (1), Porter Creek (1), Show Low Creek (1) and Walnut Creek (1); No Certificates				YES			
						Springs	67 major springs with flow range from 10 to 3,648 gpm					20,320		
							161 minor springs with flows of 1 to 9 gpm					678		
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	86 stream miles, 2 major springs				YES			
						Effluent/Other Water ⁵	WWTP discharge to Black Creek at Window Rock, to unidentified washes at Dilkon and Many Farms, and to Laguna and Chinle Wash at Kayenta					1,815		
							WWTP discharge to Ruby Wash at Winslow, Rio de Flag at Flagstaff and to wildlife areas at Flagstaff, Eagar, Pinetop/Lakeside, Show Low and Springerville					NR		
						Reservoirs (779 total)	62 large (Lake Powell)						20,672,620	
							32 large							10,269
416 small							13,343							
269 small								3,907						
Stockponds/Wildlife Catchments	6,113 stockponds / 43 catchments													
TOTALS											22,813	20,685,963	14,176	

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² No baseflow measurements

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Lower Gila	Wellton-Mohawk, Childs Valley, Dendora Valley	Lower Gila, Tenmile Wash, San Cristobol Wash, Tule Desert, Imperial Reservoir	Maricopa, Pima, Yuma, La Paz	B14N, B14S, C7.1, C7.2, C8.1, C8.2, C11.1, C11.2, C15.1, C15.2	4 amphibian; 15 bird; 2 fish; 6 mammal and 1 reptile species. Of these, 3 bird and 1 fish species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Colorado River	11 miles perennial (regulated) flow					NO			
						Instream Flow ⁴	None								
						Springs	6 to 8 springs < 1gpm								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	5 stream miles; CO River entitlement of 28,000 acre-ft/yr for the Imperial National Wildlife Refuge				NO				
						Effluent/Other Water ⁵	None								
						Reservoirs (11 total)	1 large (Imperial)						160,000		
							4 large							1,159	
							6 small							70	
Stockponds/Wildlife Catchments	65 stockponds / 64 catchments														
TOTALS													160,000	1,229	

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² No baseflow measurements

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources								
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage			
													Combined Volume (acre-ft)	Combined Surface Area (acres)		
Lower San Pedro	Mammoth, Camp Grant Wash	Lower San Pedro, Middle Gila	Cochise, Gila, Graham, Pinal, Pima	B15N, B15S, C2.1, C2.2, C4.1, C4.2, C5.1, C5.2, C11.1, C11.2, C12.1, C12.2	4 amphibian; 21 bird; 9 fish; 5 mammal and 2 reptile species. Of these, 1 amphibian, 5 fish and 3 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	San Pedro River	33 miles perennial flow	3,622	59,183 - 62,087	62,805 - 65,709	YES					
						Perennial reaches of Aravaipa Creek, Bass Canyon, Buehman Canyon Creek, Copper Creek, Devils Canyon, Hot Springs Canyon, Mill Creek, Mineral Creek, Redfield Canyon Creek, and Swamp Springs Canyon Creek	44 miles perennial flow. Buehman Canyon Creek ADEQ Outstanding Arizona Water				YES					
						Instream Flow ⁴	7 applications: Buehman Canyon Creek (2), Paige Creek (1), Peppersauce Wash (1), San Pedro River (2), and Swamp Springs Canyon/Redfield Canyon (1); 4 certificates: Aravaipa (1), Hot Springs Canyon (2), Wildcat Canyon (1)				YES					
						Springs	12 major springs with flow range from 11 to 1000 gpm 30 minor springs with flow of 1 to 8 gpm 203 to 209 springs					3115				
												142				
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	6 stream miles				YES					
						Effluent/Other Water ⁵	WWTP discharge to Gila River at Winkelman					38				
							WWTP discharge to watercourse and wildlife area					NR				
							Effluent-Dependent Water: unnamed tributary (1.77 mi.)					NR				
						Reservoirs (7 total)	4 small 3 small								360	
Stockponds/Wildlife Catchments	648 stockponds / 4 catchments										33					
TOTALS								3,622	59,183 - 62,087	62,805 - 65,709		3,295	360	33		

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² Baseflow measurement at San Pedro River at Winkelman gage.

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources								
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage			
														Combined Volume (acre-ft)	Combined Surface Area (acres)	
McMullen Valley	None	Centennial Wash	Maricopa, Yavapai, La Paz	B23, C7.1, C7.2, C8.1, C8.2, C14.1, C14.2	2 amphibian; 7 bird and 3 mammal species. Of these, 1 bird species is federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Perennial Flow	None									
						Instream Flow ⁴	None									
						Springs	2 springs < 1 GPM									
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	None									
						Effluent/Other Water ⁵	None									
						Reservoirs (2 total)	1 small 1 small								374	7
						Stockponds/Wildlife Catchments	146 stockponds / 6 catchments									
						TOTALS										

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² No baseflow measurements

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

⁵ Water features receiving discharge from wastewater treatment plants may not be Effluent-Dependent Waters. Effluent-Dependent Waters are presented in the basin maps.

NR = not reported

NOTE: The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources						
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage	
												Combined Volume (acre-ft)	Combined Surface Area (acres)	
Meadview	None	Lake Mead, Red Lake	Mohave	B9, C9.1, C9.2	3 amphibian; 10 bird; 3 fish and 5 mammal species. Of these, 1 amphibian, 1 fish and 3 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Colorado River	7 miles perennial (regulated) flow					NO		
						Instream Flow ⁴	None							
						Springs	6 major springs with flow range from 16 to 108 gpm					450		
							2 minor springs with flow of 1 to 7 gpm					12		
							8 to 10 springs							
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	7 stream miles					NO		
						Effluent/Other Water ⁵	None							
						Reservoirs (1 total)	1 large (Lake Mead - See Lake Mohave Basin)							
Stockponds/Wildlife Catchments	14 stockponds / 1 catchment													
TOTALS													462	

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² No baseflow measurements

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⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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NR = not reported

NOTE : The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Morenci	None	San Francisco, Upper Gila-San Carlos Reservoir, Upper Gila-Mangas	Apache, Greenlee, Graham	B16, C5.1, C5.2, C6.1, C6.2	7 amphibian; 16 bird; 11 fish; 8 mammal and 4 reptile species. Of these, 1 amphibian, 7 fish, 3 bird, 1 mammal and 1 reptile species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Blue River	50 miles perennial flow					YES			
						Eagle Creek	56 miles perennial flow				YES				
						San Francisco River	54 miles perennial flow				YES				
						Perennial flow in reaches of Ash, Beeler, Bob Thomas, Campbell Blue, Cave, Chase, Chitty Canyon, Cienega, Coleman, Dix, Dutch Blue, East Eagle, Foote, Grant, Hannah Springs, Jackson, KP, Lanphier, Left Prong Dix, Little Blue, Little, Pace, Pigeon, Point of Pines, Raspberry, Right Fork Foote, Sardine, Silver, Squaw, Stone, Strayhorse, Thomas, Turkey and Willow creeks, Long Cienega and unnamed watercourses	195 miles of perennial flow. KP Creek ADEQ Outstanding Arizona Water				YES				
						Instream Flow ⁴	6 applications: Blue River (1), Dix Creek (1), Eagle Creek (1), San Francisco River (3); No Certificates				YES				
						Springs	9 major springs with flow range from 10 to 200 gpm				968				
							8 minor springs with flows of 1 to 5 gpm 308 to 358 springs				32				
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	81 stream miles, 1 major spring				YES				
						Effluent/Other Water ⁵	None								
						Reservoirs (20 total)	3 large					7,522			
1 large					229										
4 small					1,327										
12 small					138										
Stockponds/Wildlife Catchments	673 stockponds / 1 catchment														
TOTALS												1,000	8,849	367	

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² No baseflow measurements

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⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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NR = not reported

NOTE: The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Paria	None	Paria, Lower Lake Powell, Lower Colorado-Marble Canyon	Coconino	B17, C3.1N, C3.1S	5 amphibian; 11 bird; 4 fish and 7mammal species. Of these, 3 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Paria River	19 miles perennial flow					YES			
						Colorado River	5 miles perennial (regulated) flow				NO				
						Unnamed watercourse	2 miles perennial flow				YES				
						Instream Flow ⁴	None								
						Springs	2 to 3 springs < 1 gpm								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	26 stream miles				YES (some streams)				
						Effluent/Other Water ⁵	None								
						Reservoirs (1 total)	1 large (Lake Powell - see Little Colorado River Plateau Basin)								
						Stockponds/Wildlife Catchments	57 Stockponds / 4 wildlife catchments								
TOTALS															

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² No baseflow measurements

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⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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NR = not reported

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources									
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage				
													Combined Volume (acre-ft)	Combined Surface Area (acres)			
Parker	La Posa Plains, Cibola Valley, Colorado River Indian Reservation	Imperial Reservoir, Tyson Wash, Bouse Wash, Bill Williams	La Paz, Yuma	B18N, B18S, C7.1, C7.2, C14.1, C14.2	2 amphibian; 16 bird; 2 fish and 6 mammal species. Of these, 4 bird and 2 fish species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Colorado River	144 miles perennial (regulated) flow					NO					
						Perennial reach of Twelvemile Slough and unnamed watercourse	3 mile perennial (regulated) flow					NO					
						Instream Flow ⁴	None										
						Springs	11 to 12 springs < 1 gpm										
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	47 stream miles; CO River entitlement of 34,500 acre-ft/yr for the Cibola National Wildlife Refuge					NO					
						Effluent/Other Water ⁵	WWTP discharge to watercourse at Buckskin Mtn. State Park							11			
							WWTP discharge to watercourse at Parker							NR			
						Reservoirs (10 total)	2 large (Lake Havasu and Moovalya Lake)									671,000	
							3 large										829
							5 small										188
Stockponds/Wildlife Catchments	5 stockponds / 29 catchments																
TOTALS												11	671,000	1,017			

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² No baseflow measurements

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⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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NR = not reported

NOTE : The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources						
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage	
												Combined Volume (acre-ft)	Combined Surface Area (acres)	
Peach Springs	None	Big Chino-Williamson Valley, Grand Canyon, Hualapai Wash, Lake Mead	Coconino, Yavapai, Mohave	B19, C3.1N, C3.1S, C3.2N, C3.2S, C9.1, C9.2, C14.1, C14.2	4 amphibian; 11 bird; 6 fish and 5 mammal species. Of these, 1 amphibian, 2 fish and 3 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Colorado River	14 miles perennial (regulated) flow					NO		
						Perennial reach of Diamond Creek	< 1 mile perennial flow					YES		
						Instream Flow ⁴	None							
						Springs	14 major springs with flow range from 12 to 1,730 gpm					9,409		
							5 minor springs with flow of 1 to 9 gpm					29		
							28 to 29 springs							
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	6 stream miles					NO		
						Effluent/Other Water ⁵	None							
						Reservoirs (10 total)	2 small							451
8 small								93						
Stockponds/Wildlife Catchments	135 stockponds / 7 catchments													
TOTALS												9,438	451	93

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² No baseflow measurements

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Phoenix AMA	East Salt River Valley, West Salt River Valley, Lake Pleasant, Rainbow Valley, Hassayampa, Fountain Hills, Carefree	Lower Salt, Lower Verde, Lower Gila-Painted Rock, Agua Fria, Hassayampa, Centennial Wash, Lower Santa Cruz, Middle Gila	Maricopa, Pinal, Yavapai	B20E, B20W, C8.1, C8.2, C12.1, C12.2, C14.1, C14.2	3 amphibian; 16 bird; 15 fish; 6 mammal and 2 reptile species. Of these, 8 fish and 4 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Gila River	37 miles perennial flow					YES			
						Verde River	26 miles of perennial (regulated) flow				NO				
						Perennial reaches of Arnett, Camp, Queen, and Skunk creeks; Hassayampa, New and Salt rivers; Seven Springs Wash and unnamed watercourses	31 miles of perennial flow				YES (some streams)				
						Instream Flow ⁴	3 applications: Cave Creek (1), New River (1), and Queen Creek (1); 6 certificates: Arnett Creek (1), Camp Creek (1), Cave Creek (1), Hassayampa River (1), Seven Springs Wash (1), Svcamore Creek (1)				YES				
						Springs	2 major springs with flows of 75 gpm					242			
							4 minor springs with flow range of 1 to 3 gpm					16			
							110 to 132 springs								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	10 stream miles								
						Effluent/Other Water ⁵	WWTP discharge to watercourse at Avondale, Queen Valley and Superior						4,337		
							WWTP discharge to watercourse at Buckeye, Canyon Lake Marina, Cave Creek, Goodyear, Litchfield Park, Mesa, Sun City, Phoenix, Tolleson and to a wildlife area at Phoenix and Gilbert								
Effluent-Dependent Waters: Agua Fria River (2.4 mi.), Gila River (44.6 mi.), Queen Creek (7 mi.), Salt River (22.2 mi.) and unnamed watercourses (5.4 mi.)															
Reservoirs (46 total)	4 large (Lake Pleasant)							1,114,386							
	1 large								132						
	2 small							250							
	39 small								643						
Stockponds/Wildlife Catchments	711 stockponds / 75 catchments														
TOTALS											4,595	1,114,636	775		

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² No baseflow measurements

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⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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NR = not reported

NOTE: The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources									
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage				
														Combined Volume (acre-ft)	Combined Surface Area (acres)		
Pinal AMA	Maricopa-Stanfield, Eloy, Santa Rosa Valley, Vekol Valley, Aguirre Valley	Middle Gila, Aguirre Valley, Santa Rosa Wash, Lower Santa Cruz, Brawley Wash, Lower Gila-Painted Rock Reservoir	Pinal, Maricopa, Pima	B21N, B21S, C8.1, C8.2, C11.1, C11.2, C12.1, C12.2	4 amphibian; 16 bird; 5 fish; 5 mammal and 3 reptile species. Of these, 4 bird and 2 fish species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Perennial Streams	None										
						Instream Flow ⁴	None										
						Springs	5 to 6 springs < 1 gpm										
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	None										
						Effluent/Other Water ⁵	WWTP discharge to watercourse at Maricopa and Redrock							58			
							WWTP discharge to watercourse at Arizona City, Casa Grande and Florence Prison							NR			
							Effluent-Dependent Waters: Gila River (3.2 mi.), N. Branch Santa Cruz River (5.5 mi.) and Santa Cruz River (15.2 mi.)										
						Reservoirs (15 total)	2 large									384,100	
							1 large (Picacho)										2,238
							12 small										150
Stockponds/Wildlife Catchments	315 stockponds / 35 catchments																
TOTALS													58	384,100	2,388		

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources								
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage			
										Combined Volume (acre-ft)	Combined Surface Area (acres)					
Prescott AMA	Upper Agua Fria, Little Chino	Agua Fria, Upper Verde	Yavapai	B22, C14.1, C14.2	3 amphibian; 9 bird; 7 fish; 7 mammal and 3 reptile species. Of these, 3 fish and 2 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Perennial reaches of Agua Fria River and Granite Creek	5 miles perennial flow					YES				
						Instream Flow ⁴	None									
						Springs	1 major spring with flow of 874 gpm					1,410				
							9 minor springs with flow range from 1 to 9 gpm					46				
							57 to 65 springs									
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	0.3 stream miles, 1 major spring					YES				
						Effluent/Other Water ⁵	WWTP discharge to watercourse at Dewey and Prescott Valley									
							Effluent-Dependent Waters: Agua Fria River (4.3 mi.) and unnamed watercourse at Prescott WWTP (2.3 mi.)									
Reservoirs (17 total)	4 large							16,163								
	5 small								888							
	8 small								91							
Stockponds/Wildlife Catchments	216 stockponds / 5 catchments															
TOTALS												1,456	16,163	979		

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² No baseflow measurements

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⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources						
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage	
												Combined Volume (acre-ft)	Combined Surface Area (acres)	
Ranegras Plain	None	Bouse Wash, Tyson Wash	La Paz & Yuma	B23, C7.1, C7.2, C15.1, C15.2	1 amphibian; 8 bird and 4 mammal species. Of these, 1 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Perennial Streams	None							
						Instream Flow ⁴	None							
						Springs	2 springs < 1 gpm							
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	None							
						Effluent/Other Water ⁵	None							
						Reservoirs	None							
						Stockponds/Wildlife Catchments	16 stockponds / 8 catchments							
TOTALS														

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² No baseflow measurements

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Sacramento Valley	None	Sacramento Wash, Havasu-Mohave Lakes, Bill Williams	Mohave	B11, C9.1, C9.2	5 amphibian; 16 bird; 4 fish; 1 invertebrate; 5 mammal and 2 reptile species. Of these, 1 amphibian, 4 bird and 3 fish species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Colorado River	5 miles perennial (regulated) flow					NO			
						Instream Flow ⁴	None								
						Springs	12 major springs with flow range from 10 to 50 gpm					418			
							45 minor springs with flow range from 1 to 8 gpm					210			
							90 to 100 springs								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	2.5 stream miles					NO			
						Effluent/Other Water ⁵	Effluent-Dependent Water: Holy Moses Wash (1.9 mi.)								
						Reservoirs (6 total)	1 large (Havasú - see Lake Havasu Basin)								
3 small								110							
2 small									16						
Stockponds/Wildlife Catchments	44 stockponds / 14 catchments														
TOTALS												628	110	16	

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² No baseflow measurements

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⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources								
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage			
														Combined Volume (acre-ft)	Combined Surface Area (acres)	
Safford	San Carlos Valley, Gila Valley, San Simon Valley	Upper Gila, San Carlos Reservoir, San Simon, San Carlos	Greenlee, Cochise, Graham, Gila	B24N, B24S, C2.1, C2.2, C4.1, C4.2, C5.1, C5.2, C6.1, C6.2	5 amphibian; 22 bird; 12 fish; 2 invertebrate; 6 mammal and 4 reptile species. Of these, 1 amphibian, 8 fish, 3 bird and 1 reptile species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Gila River	35 miles perennial flow	127,071	106,953 - 151,568	234,456 - 279,071	YES					
						San Carlos River	32 miles perennial flow				YES					
						Perennial reaches of Ash, Bonita, Cave, South Fork Cave, Cima, Crazy horse, Deadman Canyon, Eagle, East Turkey, Fishhook, Frye Canyon, Marijilda, North Fork Cave creeks and San Francisco River and unnamed watercourses	90 miles of perennial flow. Cave Creek and South Fork of Cave Creek ADEQ Outstanding Arizona Waters				YES					
						Instream Flow ⁴	12 applications: Ash Creek (1), Carter Canyon Creek (1), Cave Creek (1), Crazy Horse Creek (1), Deadman Canyon Creek (1), Frye Creek (1), Gibson Creek (1), Marijilda Canyon Creek (1), South Fork Cave Creek (1), Spring Canyon (1) and Wet Canyon Creek (2); No certificates				YES					
						Springs	23 major springs with flow range from 10 to 3,398 gpm					7,966				
							31 minor springs with flow range from 1 to 6 gpm					108				
							379 to 387 springs									
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	26 stream miles, 2 major springs				YES					
						Effluent/Other Water ⁵	WWTP discharge to Bennett Wash at Fort Grant Effluent-Dependent Waters: Bennett Wash (4.4 mi.) and unnamed watercourse (1.2 mi.)					NR				
						Reservoirs (69 total)	10 large (San Carlos)									1,100,575
2 large											501					
25 small										3,862						
32 small											328					
Stockponds/Wildlife Catchments	1,429 stockponds / 34 catchments															
TOTALS							127,071	106,953 - 151,568	234,456 - 279,071		8,074	1,104,437	829			

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² Baseflow measurement at Gila River at head of Safford Valley near Solomon gage.

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

⁵ Water features receiving discharge from wastewater treatment plants may not be Effluent-Dependent Waters. Effluent-Dependent Waters are presented in the basin maps.

NR = not reported

NOTE: The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Salt River	Black River, Salt River Canyon, Salt River Lakes, White River	Upper Salt, Carrizo, White, Black, Lower Salt, Tonto	Apache, Coconino, Gila, Graham, Greenlee, Maricopa, Pinal	B25E, B25W, C1.1, C1.2, C3.1, C3.2, C4.1, C4.2, C5.1, C5.2, C6.1, C6.2, C8.1, C8.2, C12.1, C12.2	7 amphibian; 21 bird; 15 fish; 2 invertebrate, 9 mammal and 4 reptile species. Of these, 1 amphibian, 4 bird, 7 fish, 1 invertebrate, 1 mammal and 1 reptile species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Salt River	91 miles perennial flow	236,170	128,986 - 136,969	365,156 - 373,140	YES				
						Black River	114 miles perennial flow				YES				
						Perennial reaches of Big Bonito, Canyon, Carrizo, Cherry, Cibecue, Pinto and Tonto creeks and the East and North Fork White River and 98 other watercourses	982 miles of perennial flow. Bear Wallow Creek, North and South Fork of Bear Wallow Creek, Hay Creek, Snake Creek and Stinky Creek ADEQ Outstanding Arizona Waters				YES				
						Instream Flow ⁴	18 applications: Ash Creek (1), Beaver Creek (1), Black River (1), Canyon Creek (1), Cherry Creek (2), Coon Creek (1), East Fork Black River (1), Fish Creek (1), Lewis and Pranty Creek (1), North Fork of East Fork Black River (1), Pinal Creek (1), Rock Creek (1), Tortilla Creek (1), West Fork Black River (1), Workman Creek (1); 2 certificates: Pinto Creek (1), Reynolds Creek (1)				YES				
						Springs	26 major springs with flow range from 10 to 8,980 gpm					28,555			
							2 minor springs with flow range from 2 to 5 gpm					11			
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	65 stream miles, 1 major spring				YES				
						Effluent/Other Water ⁵	WWTP discharge to Miami Wash at Claypool					11			
							WWTP discharge to unnamed wash to Pinal Creek at Globe					NR			
							Effluent-Dependent Waters: Pinal Creek (3.3 mi.) and unnamed wash at Globe WWTP (1.4 mi.)								
Reservoirs (74 total)	11 large (Roosevelt, Apache, Saguaro, Canyon lakes)								2,042,636						
	1 large									69					
	26 small									3,239					
	36 small									410					
Stockponds/Wildlife Catchments	807 stockponds / 15 catchments														
TOTALS								236,170	128,986 - 136,969	365,156 - 373,140		28,577	2,045,875	479	

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² Baseflow measurement at Salt River at Roosevelt gage.

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

⁵ Water features receiving discharge from wastewater treatment plants may not be Effluent-Dependent Waters. Effluent-Dependent Waters are presented in the basin maps.

NR = not reported

NOTE: The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values		Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources								
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
										Combined Volume (acre-ft)	Combined Surface Area (acres)				
San Bernardino Valley	None	San Bernardino Valley, Whitewater Draw, San Simon	Cochise	B5, C2.1, C2.2	4 amphibian; 15 bird; 7 fish; 1 invertebrate, 4 mammal and 3 reptile species. Of these, 1 amphibian, 2 bird, 3 fish, 1 invertebrate and 1 reptile species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Perennial reach of Black Draw	2 miles perennial flow					YES			
						Instream Flow ⁴	None								
						Springs	1 minor spring with flow of 3 gpm 6 to 10 springs				5				
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	2 stream miles				YES				
						Effluent/Other Water ⁵	None								
						Reservoirs (6 total)	1 large						401		
							1 small						45		
							4 small						22		
Stockponds/Wildlife Catchments	151 stockponds / 0 catchments														
TOTALS											5	45	423		

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² No baseflow measurements

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources								
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage			
														Combined Volume (acre-ft)	Combined Surface Area (acres)	
San Rafael Valley	None	Upper Santa Cruz, Upper San Pedro	Santa Cruz, Cochise	B27, C2.1, C2.2, C13.1, C13.2	7 amphibian; 16 bird; 6 fish; 1 invertebrate, 4 mammal and 3 reptile species. Of these, 2 amphibian, 3 bird, 3 fish, 1 invertebrate and 1 reptile species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Perennial reaches of Santa Cruz River, Ramsey Canyon and unnamed watercourses	14 miles perennial flow					YES				
						Instream Flow ⁴	7 applications: Bear Creek (1), Cave Canyon Creek (1), Lone Mountain Canyon (1), Parker Canyon Creek (1), Scotia Canyon Creek (1), Sunnyside Canyon Creek (1), Sycamore Canyon Creek (1); No certificates					YES				
						Springs	1 minor spring with flow of 1 gpm 23 to 24 springs						2			
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	12 stream miles				YES					
						Effluent/Other Water ⁵	None									
						Reservoirs (2 total)	1 large (Parker Canyon) 1 small								4,400	6
						Stockponds/Wildlife Catchments	258 stockponds / 0 catchments									
						TOTALS										

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² No baseflow measurements

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

⁵ Water features receiving discharge from wastewater treatment plants may not be Effluent-Dependent Waters. Effluent-Dependent Waters are presented in the basin maps.

NR = not reported

NOTE : The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources									
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage				
														Combined Volume (acre-ft)	Combined Surface Area (acres)		
San Simon Wash	None	San Simon Wash, Rio Sonoyta	Pima & Maricopa	B26, C8.1, C8.2, C11.1, C11.2	3 amphibian; 12 bird; 4 mammal and 2 reptile species. Of these, 1 amphibian and 1 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Perennial Reaches	None										
						Instream Flow ⁴	None										
						Springs	11 to 17 < 1gpm										
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	None										
						Effluent/Other Water ⁵	None										
						Reservoirs (13 total)	1 large (Menegers Lake)									15,000	
							12 small										144
						Stockponds/Wildlife Catchments	3 stockponds / 0 catchments										
TOTALS														15,000	144		

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² No baseflow measurements

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

⁵ Water features receiving discharge from wastewater treatment plants may not be Effluent-Dependent Waters. Effluent-Dependent Waters are presented in the basin maps.

NR = not reported

NOTE: The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources						
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage	
													Combined Volume (acre-ft)	Combined Surface Area (acres)
Santa Cruz AMA	None	Upper Santa Cruz	Santa Cruz, Pima	B27, C11.1, C11.2, C13.1, C13.2	6 amphibian; 20 bird; 6 fish; 4 mammal and 3 reptile species. Of these, 1 amphibian, 2 bird, 2 fish and 1 reptile species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Santa Cruz River	12 miles perennial flow	11,591	12,427 - 27,214	24,018 - 38,805	YES			
						Perennial flow in Cox Gulch, East Nogales Wash, Nogales Wash, Potrero Creek, and Sonoita Creek	20 miles perennial flow				YES			
						Instream Flow ⁴	3 applications: Peck Canyon Creek (1) and Sonoita Creek (2); No certificates				YES			
						Springs	2 major springs with flow range from 40 to 377 gpm					673		
							1 minor spring with flow of 4 gpm					6		
							46 to 48 springs							
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	7 stream miles				YES			
						Effluent/Other Water ⁵	WWTP discharge to Santa Cruz River at Nogales					16,221		
							WWTP discharge to watercourse and wildlife area at Tubac					NR		
							Effluent-Dependent Water: Santa Cruz River (48 mi.)							
Reservoirs (6 total)	2 large (Pena Blanca)							8,780						
	1 small							200						
	3 small								26					
Stockponds/Wildlife Catchments	452 stockponds / 2 catchments													
TOTALS							11,591	12,427 - 27,214	24,018 - 38,805		16,900	8,980	26	

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² Baseflow measurement at Santa Cruz River near Tubac gage.

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

⁵ Water features receiving discharge from wastewater treatment plants may not be Effluent-Dependent Waters. Effluent-Dependent Waters are presented in the basin maps.

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources								
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage			
														Combined Volume (acre-ft)	Combined Surface Area (acres)	
Shivwits Plateau	None	Fort Pierce Wash, Lower Virgin, Grand Canyon, Lake Mead	Mohave	B28N, B28S, C9.1, C9.2	4 amphibian; 12 bird; 5 fish and 5 mammal and 2 reptile species. Of these, 1 amphibian, 3 bird and 2 fish species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Colorado River	57 miles perennial (regulated) flow					NO				
						Perennial reaches of Boulder Wash, Diamond and Spring Canyon creeks	4 miles of perennial flow				YES					
						Instream Flow ⁴	None									
						Springs	1 major spring with flow of 331 gpm					534				
							5 minor springs with flow range of 1 to 3 gpm					13				
							51 to 56 springs									
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	0.14 stream miles, 1 major spring				YES (partial)					
						Effluent/Other Water ⁵	None									
						Reservoirs (3 total)	1 large (Wolf Hole)							58		
1 small								20								
1 small								10								
Stockponds/Wildlife Catchments	369 stockponds / 20 catchments															
TOTALS												547	20	68		

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² No baseflow measurements

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources						
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage	
												Combined Volume (acre-ft)	Combined Surface Area (acres)	
Tiger Wash	None	Centennial Wash	Maricopa	B23, C8.1, C8.2	2 amphibian; 5 bird and 3 mammal species. Of these, 1 bird species is federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Perennial flow	None							
						Instream Flow ⁴	None							
						Springs	3 springs < 1gpm							
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	None							
						Effluent/Other Water ⁵	None							
						Reservoirs	None							
						Stockponds/Wildlife Catchments	9 stockponds / 0 catchments							
						TOTALS								

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² No baseflow measurements

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⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Tonto Creek	None	Tonto, Chevelon Canyon	Gila, Coconino	B29, C3.1, C3.2, C4.1, C4.2	7 amphibian; 15 bird; 11 fish; 5 mammal and 24 reptile species. Of these, 1 amphibian, 3 bird, 5 fish and 1 reptile species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Tonto Creek	60 miles perennial flow	15,213	21,082 - 21,462	36,296 - 36,675	YES				
						Perennial reaches of Christopher, Del Shay, Dick Williams, East Fork Horton, Gordon Canyon, Greenback, Haigler, Horton, Houston, Lambing, Marsh, Rye and Spring creeks	69 miles perennial flow				YES				
						Instream Flow ⁴	9 applications: Gordon Canyon Creek (1), Green Valley Creek (1), Greenback Creek (1), Haigler Creek (1), Oak Creek (1), Rye Creek (1), Sharp Creek (1), Spring Creek (1), Tonto Creek (1); 1 certificate: Christopher Creek				YES				
						Springs	10 major springs with flow range from 15 to 1,291 gpm					4,543			
							7 minor springs with flow range from 1 to 8 gpm 169 to 175 springs					50			
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	38 stream miles				YES				
						Effluent/Other Water ⁵	WWTP discharge to Houston Creek at Star Valley					13			
						Reservoirs (1 total)	1 small							20	
Stockponds/Wildlife Catchments	389 stockponds / 10 catchments														
TOTALS							15,213	21,082 - 21,462	36,296 - 36,675		4,606	20			

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² Baseflow measurement at Tonto Creek above Gunn Creek.

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources						
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage	
													Combined Volume (acre-ft)	Combined Surface Area (acres)
Tucson AMA	Upper Santa Cruz, Avra Valley	Rio De La Concepcion, Brawley Wash, Upper Santa Cruz, Rillito, Lower Santa Cruz, Middle Gila	Pima, Pinal, Santa Cruz	B30N, B30S, C11.1, C11.2, C12.1, C12.2, C13.1, C13.2	7 amphibian; 24 bird; 10 fish; 4 mammal and 4 reptile species. Of these, 1 amphibian, 4 bird, 7 fish and 1 reptile species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Arivaca Creek	1 mile perennial flow	304	2,136 - 3,188	2,440 - 3,492	YES			
						Sabino Creek	16 miles perennial flow				YES			
						Perennial reaches of Cienega, Madera Canyon, Romero Canyon creeks, Santa Cruz River, Sutherland Wash, Sycamore Canyon and unnamed tributary to Madera Canyon Creek	25 miles perennial flow; Davidson Canyon ADEQ Outstanding Arizona Water				YES			
						Instream Flow ⁴	11 applications: California Gulch (1), Canada del Oro (1), Rincon Creek (1), Romero Canyon Creek (1), Sabino Canyon (5), Sycamore Canyon (1) and Tanque Verde Creek (1); No certificates				YES			
						Springs	8 major springs with flow range from 10 to 250 gpm				774			
							2 minor springs with flow range from 1 to 3 gpm				6			
						162 to 187 springs								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	19 stream miles and 1 major spring				YES			
						Effluent/Other Water ⁵	WWTP discharges to watercourses at Avra Valley, Tucson and Marana and to wildlife areas at Tucson and Sahuarita							
						Reservoirs (38 total)	Effluent-Dependent Water: Santa Cruz River (57 mi.)							
1 large (Arivaca)				2,915										
1 large (Aguirre)				51										
8 small				600										
Stockponds/Wildlife Catchments	28 small				338									
	1,538 stockponds / 53 catchments													
TOTALS							304	2,136 - 3,188	2,440 - 3,492		780	3,515	389	

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² Baseflow measurement at Pantano Wash near Vail gage.

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources								
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage			
														Combined Volume (acre-ft)	Combined Surface Area (acres)	
Upper Hassayampa	None	Centennial Wash, Hassayampa	Maricopa & Yavapai	B22, C8.1, C8.2, C14.1, C14.2	3 amphibian; 13 bird; 7 fish; 3 mammal and 2 reptile species. Of these, 3 bird and 5 fish species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Hassayampa River	28 miles perennial flow					YES				
						Perennial reaches of Antelope, Ash, Lion Canyon, Minnehaha and Weaver creeks, French Gulch and unnamed watercourse	24 miles perennial flow				YES					
						Instream Flow ⁴	1 certificate: Hassayampa River				YES					
						Springs	164 to 166 springs < 1 gpm									
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	None									
						Effluent/Other Water ⁵	None									
						Reservoirs (7 total)	7 small							1,684		
						Stockponds/Wildlife Catchments	266 stockponds / 14 catchments									
						TOTALS										

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² No baseflow measurements

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Upper San Pedro	Sierra Vista & Allen Flat	Upper San Pedro, Lower San Pedro	Cochise, Santa Cruz, Pima	B21S, B21N, C2.1, C2.2, C11.1, C11.2, C13.1, C13.2	8 amphibian; 22 bird; 9 fish; 1 invertebrate; 5 mammal; 3 reptile. Of these, 5 fish, 3 bird, 2 amphibian, 1 reptile and 1 invertebrate species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	San Pedro River	56 miles of perennial flow	9,417	22,890 - 49,259	32,307 - 58,676	YES				
						Perennial tributary reaches of Babocomari, Bass, Carr, Miller and Ramsey canyons and Double R Canyon, Garden Canyon and Turkey creeks and unnamed watercourse	45 miles of perennial flow				YES				
						Instream Flow ⁴	8 applications: Babocomari River (2), Miller Canyon Creek (2), O'Donnell Creek (1), San Pedro River (2), and Turkey Creek (1); 6 certificates: San Pedro River (1), Ramsey Canyon (1), O'Donnell Creek (2) and Bass Canyon (2)				YES				
						Springs	12 major springs; flows range from 10 to 134 gpm					1,930			
							4 minor springs; flows range from 2 to 7 gpm					52			
							79-91 total springs								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	36 stream miles, 2 major springs				YES				
						Effluent/Other Water ⁵	Created wetland-Sierra Vista EOP					2,500			
							Apache Nitrogen (ANP) Superfund cleanup wetland					240			
							WWTP Discharge to Greenbush Draw (Bisbee) and Walnut Gulch (Tombstone)					NR			
Effluent-Dependent Water: Walnut Gulch (12 mi.)					112										
Reservoirs (4 total)	2 small reservoirs (combined)								247						
	2 small reservoirs (combined)									13					
Stockponds/Wildlife Catchments	974 stockponds / 13 catchments														
TOTALS								9,417	22,890 - 49,259	32,307 - 58,676		4,834	247	13	

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² Baseflow measurement at San Pedro River at Charleston gage.

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

⁵ Water features receiving discharge from wastewater treatment plants may not be Effluent-Dependent Waters. Effluent-Dependent Waters are presented in the basin maps.

NR = not reported

NOTE: The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
											Combined Volume (acre-ft)	Combined Surface Area (acres)			
Verde River	Big Chino, Verde Valley, Verde Canyon	Big Chino-Williamson Valley, Upper Verde, Lower Verde	Yavapai, Coconino, Gila, Maricopa	B32N, B32S, C3.1, C3.2, C4.1, C4.2, C8.1, C8.2, C14.1, C14.2	7 amphibian; 16 bird; 13 fish; 5 invertebrate, 8 mammal and 4 reptile species. Of these, 1 amphibian, 3 bird, 8 fish, 1 invertebrate and 1 reptile species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Verde River	150 miles perennial flow	194,151	115,117 - 146,181	309,308 - 340,322	YES				
						Perennial flow in reaches of East Fork Verde River, Fossil Creek, Oak Creek, Sycamore Creek and West Clear Creek	163 miles perennial flow; Fossil and Oak creeks ADEQ Outstanding Arizona Water				YES				
						Perennial flow in 38 tributary reaches	162 miles perennial flow; West Fork Oak Creek ADEQ Outstanding Arizona Water				YES				
						Instream Flow ⁴	23 applications; 11 certificates: East Verde River (2), Fossil Creek (1), Spring Creek (1), Sycamore Creek (2), Verde River (2), Walker Creek (1), West Clear Creek (1) and Wet Beaver Creek (1)				YES				
						Springs	90 major springs with flow range from 10 to 21,647 gpm						97,214		
							95 minor springs with flow range from 1 to 9 gpm 493 to 571 springs						1,585		
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	153 stream miles and 21 major springs				YES				
						Effluent/Other Water ⁵	WWTP discharge to Bitter Creek at Jerome, unnamed tributary to Oak Creek at Sedona and unnamed watercourse at Belmont						170		
							WWTP discharge to American Gulch at Payson and unnamed tributaries at Lolo Mai Springs and Village of Oak Creek, and to wildlife area at Kachina Village and Sedona						NR		
							Effluent-Dependent Waters: American Gulch (3.8 mi.), Bitter Creek (1.6 mi.) and unnamed wash at Jacks Canyon Rd. (3.3 mi.)								
Reservoirs (72 total)	7 large								314,817						
	6 large									1,666					
	27 small									3,592					
	32 small									496					
Stockponds/Wildlife Catchments	2,328 stockponds / 41 catchments														
TOTALS							194,151	115,117 - 146,181	309,308 - 340,322		98,969	318,409	2,162		

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² Baseflow measurement at Verde below Tangle Creek gage.

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

⁵ Water features receiving discharge from wastewater treatment plants may not be Effluent-Dependent Waters. Effluent-Dependent Waters are presented in the basin maps.

NR = not reported

NOTE: The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Virgin River	None	Lower Virgin	Mohave	B33, C9.1, C9.2	3 amphibian; 11 bird; 7 fish; 1 invertebrate, and 5 mammal species. Of these, 2 bird and 3 fish species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Virgin River	37 miles perennial flow					YES			
						Beaver Dam Wash and unnamed watercourse	10 miles perennial flow					YES			
						Instream Flow ⁴	7 applications: Beaver Dam Wash (1) and Virgin River (6); No certificates					YES			
						Springs	2 major springs with flow range from 1,120 to 22,400 gpm						37,937		
							23 to 25 springs								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	9 stream miles					YES			
						Effluent/Other Water ⁵	WWTP discharge to watercourse at Beaver Dam						6		
						Reservoirs (1 total)	1 small								6
Stockponds/Wildlife Catchments	45 stockponds / 7 catchments									6					
TOTALS												37,943		6	

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² No baseflow measurements

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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NOTE : The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
												Combined Volume (acre-ft)	Combined Surface Area (acres)		
Western Mexican Drainage	None	Rio Sonoyta, Tule Desert	Pima & Yuma	B34, C11.1, C11.2, C15.1, C15.2	1 amphibian; 9 bird; 1 invertebrate, 2 mammal and 1 reptile species. Of these, 1 bird and 1 reptile species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Perennial Flow	None								
						Instream Flow ⁴	None								
						Springs	1 major spring with flow of 28 gpm					45			
							2 minor springs with flow range of 1 to 4 gpm					8			
							4 to 6 springs								
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	1 major spring								
						Effluent/Other Water ⁵	None								
						Reservoirs	None								
Stockponds/Wildlife Catchments	0 stockponds / 1 catchment														
TOTALS												53			

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² No baseflow measurements

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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NOTE : The number of springs and reservoirs presented in the basin table may differ from the basin map due to overlapping features or a lack of locational data.

Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources							
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage		
													Combined Volume (acre-ft)	Combined Surface Area (acres)	
Willcox	None	Willcox Playa, Whitewater Draw	Graham & Cochise	B35N, B35S, C2.1, C2.2, C5.1, C5.2	4 amphibian; 19 bird; 5 fish; 6 mammal and 3 reptile species. Of these, 1 amphibian, 3 bird and 2 fish species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Perennial reaches of Big Bend, Big, Grant, Leslie, Post, Soldier, Turkey creeks and Rucker and Ward canyons	32 miles perennial flow				YES				
						Instream Flow ⁴	1 certificate on Leslie Canyon Creek				YES				
						Springs	8 minor springs with flow range from 1 to 3 gpm 87 to 92 springs					21			
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	9 stream miles				YES				
						Effluent/Other Water ⁵	Effluent discharged to Cochise Lake					NR			
						Reservoirs (6 total)	2 large (Willcox Playa)						29,809		
							2 small						185		
						Stockponds/Wildlife Catchments	762 stockponds / 3 catchments							182	
TOTALS											21	29,994	182		

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² No baseflow measurements

³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

⁵ Water features receiving discharge from wastewater treatment plants may not be Effluent-Dependent Waters. Effluent-Dependent Waters are presented in the basin maps.

NR = not reported

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Groundwater Basin	Groundwater Sub-basin	Watershed	County	Map #	Environmental Resource Values			Current Quantifiable Flows and Volumes Supporting Water-Dependent Natural Resources								
					Riparian, Aquatic and/or Marshland Habitat-Dependent Wildlife Species ¹	Water Feature	Water Feature Characteristics	Baseflow ² (acre-ft/yr)	Riparian ET (acres x ET rate) ³ (acre-ft/yr)	Total Flow (acre-ft/yr)	Current Flood Flow Component	Spring and Effluent Discharge (acre-ft/yr)	Max. Reservoir Storage			
													Combined Volume (acre-ft)	Combined Surface Area (acres)		
Yuma	None	Yuma Desert, Lower Colorado, Lower Gila	Yuma	B36, C15.1, B15.2	1 amphibian; 14 bird; 2 fish; 5 mammal and 1 reptile species. Of these, 3 bird species are federally listed as endangered, threatened or candidate species under the Endangered Species Act.	Colorado River	53 miles perennial (regulated) flow					NO				
						Instream Flow ⁴	None									
						Springs	1 spring < 1 gpm									
						Perennial Flow/Major Springs within Federal/State Designated Conservation Lands	0.3 stream miles				NO					
						Effluent/Other Water ⁵	WWTP discharge to Colorado River at Yuma					9,555				
							WWTP discharge to Colorado River at Somerton					NR				
						Reservoirs (4 total)	2 large								6,010	
							2 small									25
Stockponds/Wildlife Catchments	0 stockponds / 1 catchment															
TOTALS												9,555	6,010	25		

¹ Data from the Arizona Game & Fish Department's State Wildlife Action Plan (SWAP) Habitat Distribution Models. These models predict the distribution of a species by assessing the characteristics and quality of a habitat.

² No baseflow measurements

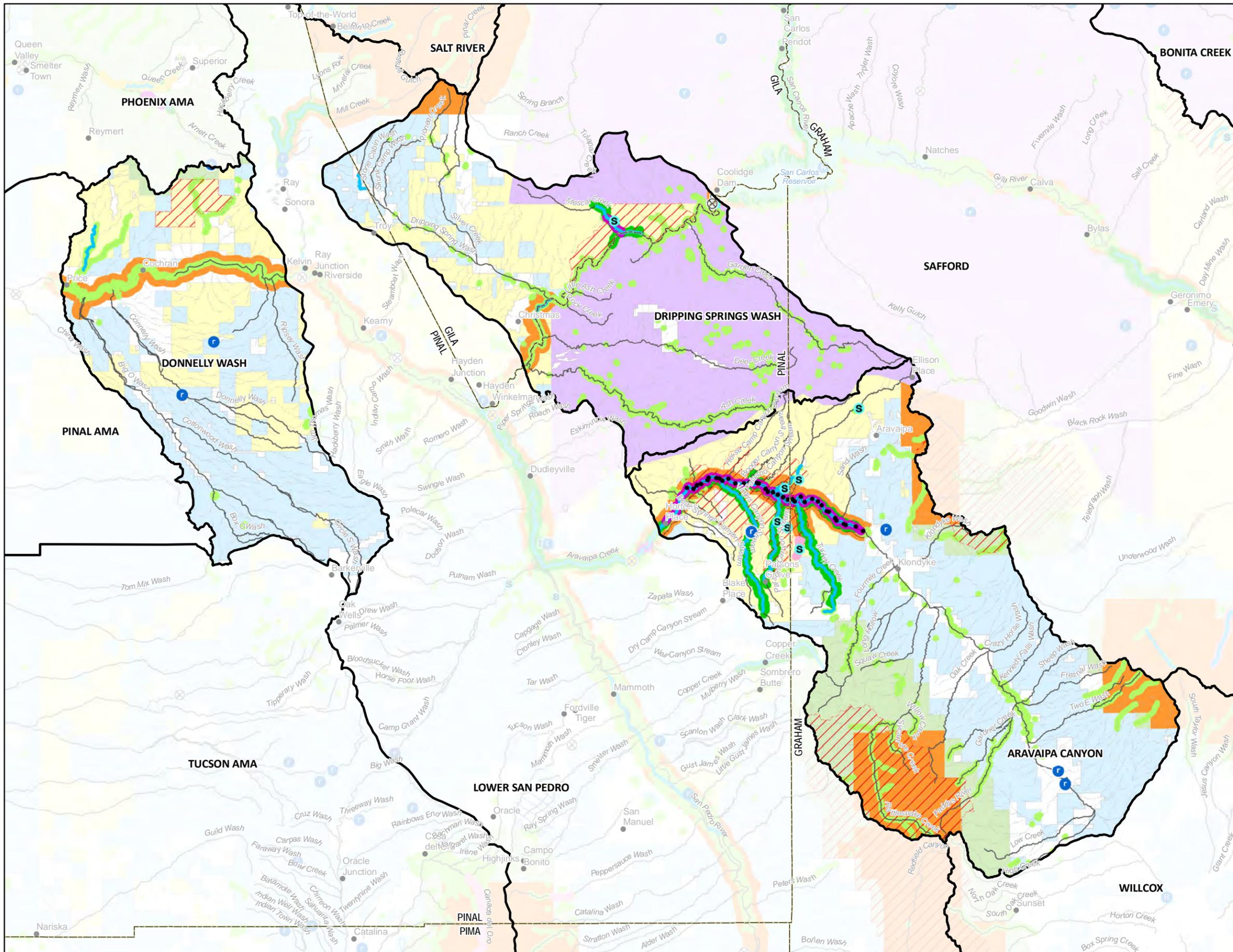
³ For more information, please see the Methodology Section of the Environmental Working Group's Report.

⁴ Data from the Arizona Department of Water Resource's Surface Water Division.

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ARAVAIPA GROUPING

ARAVAIPA- DRIPPING SPRINGS- DONNELLY

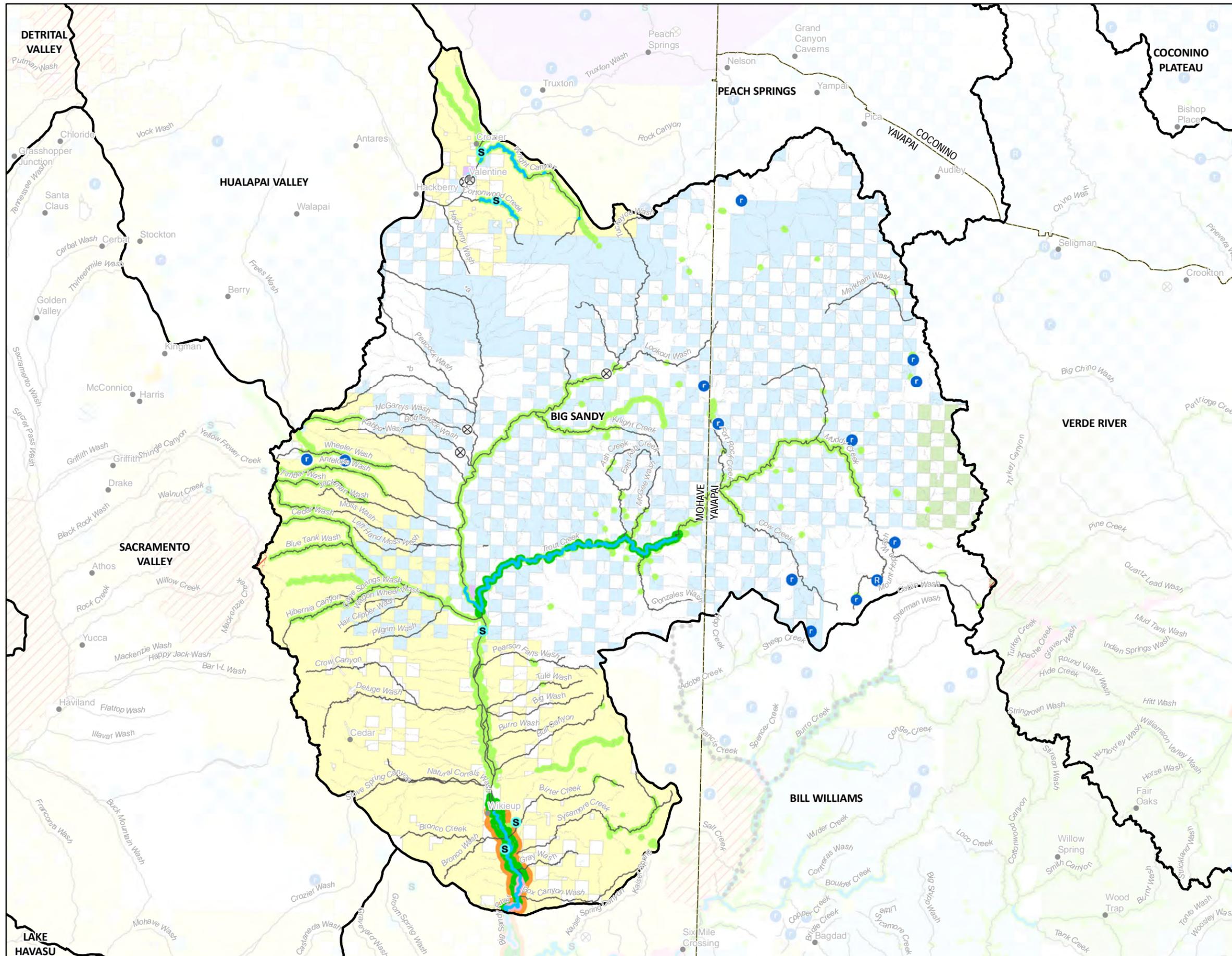
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- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
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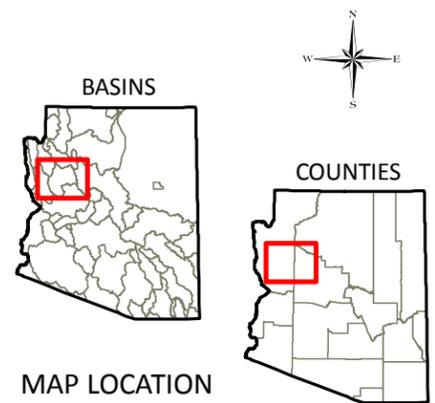
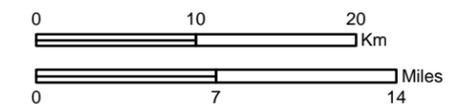
MAP LOCATION

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BIG SANDY GROUNDWATER BASIN

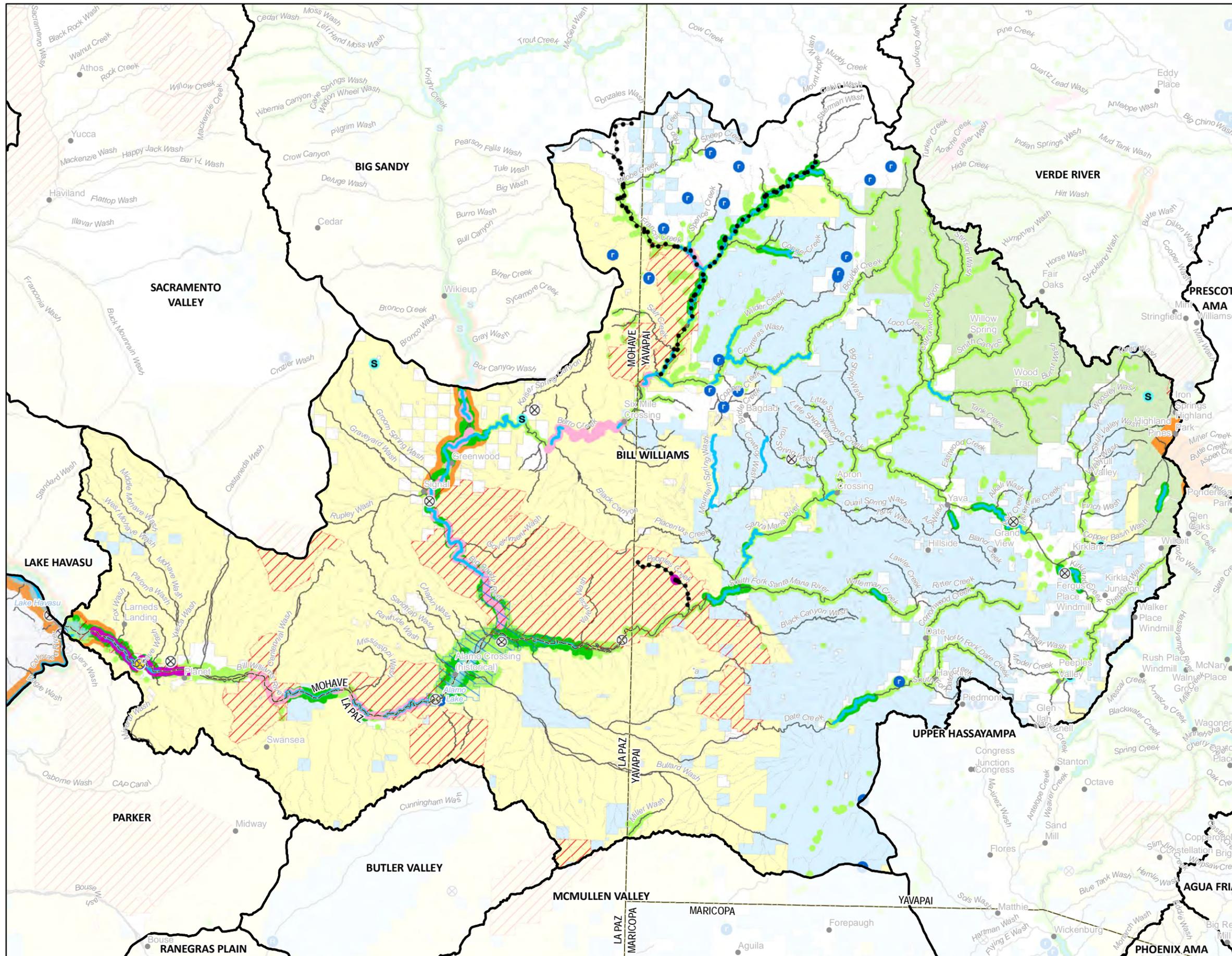


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- County (ALRIS)
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- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
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- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
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- Stream Gage (USGS)
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- State Trust Land
- Tribal Land

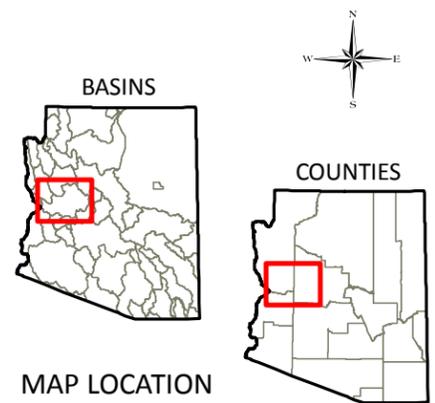


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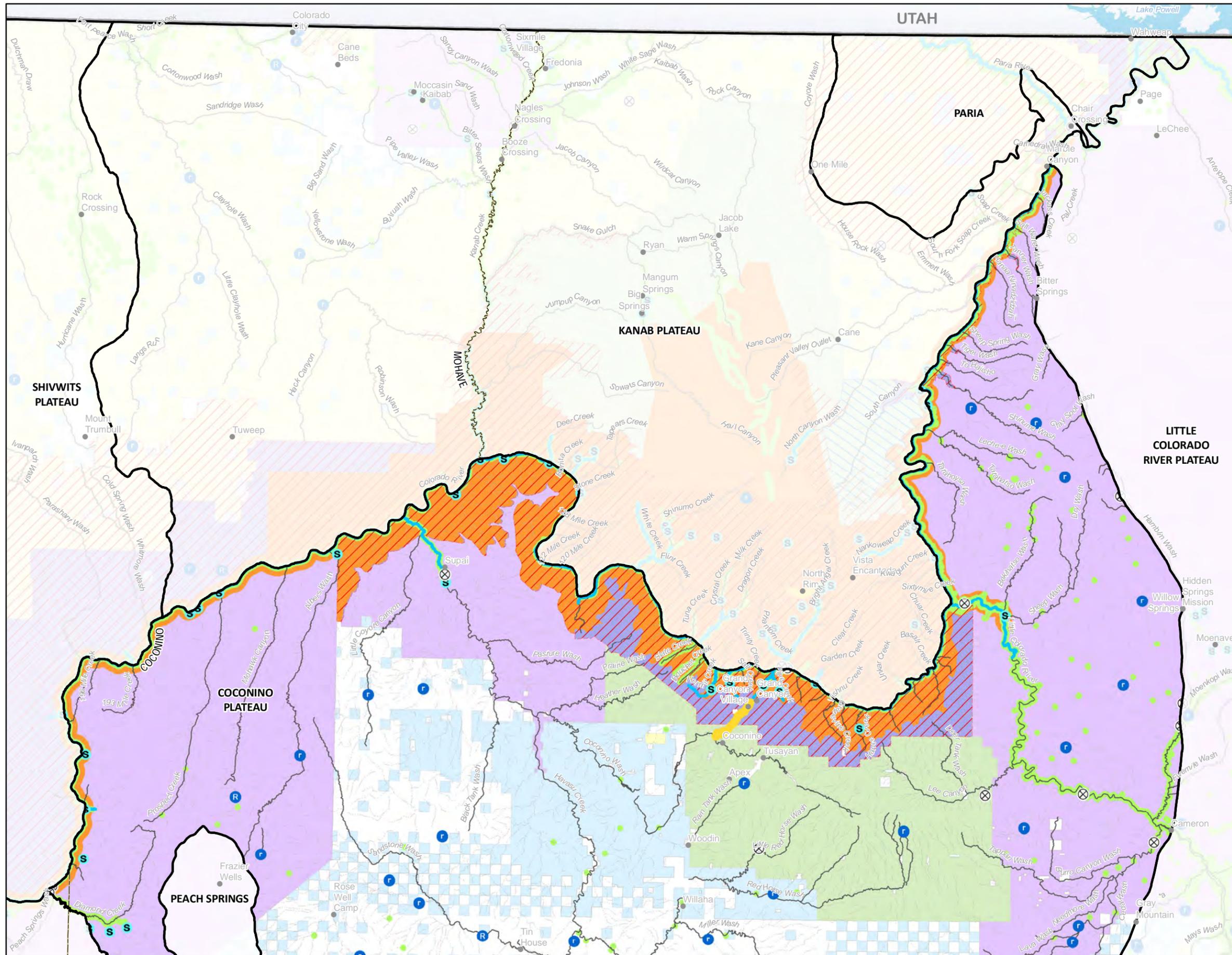
BILL WILLIAMS GROUNDWATER BASIN



- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
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- Instream Flow Application (ADWR)
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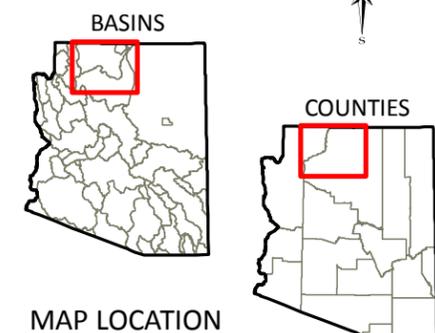
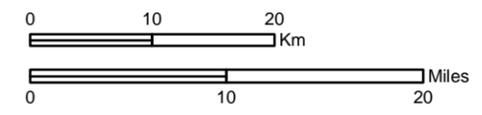


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COCONINO PLATEAU NORTH GROUNDWATER BASIN

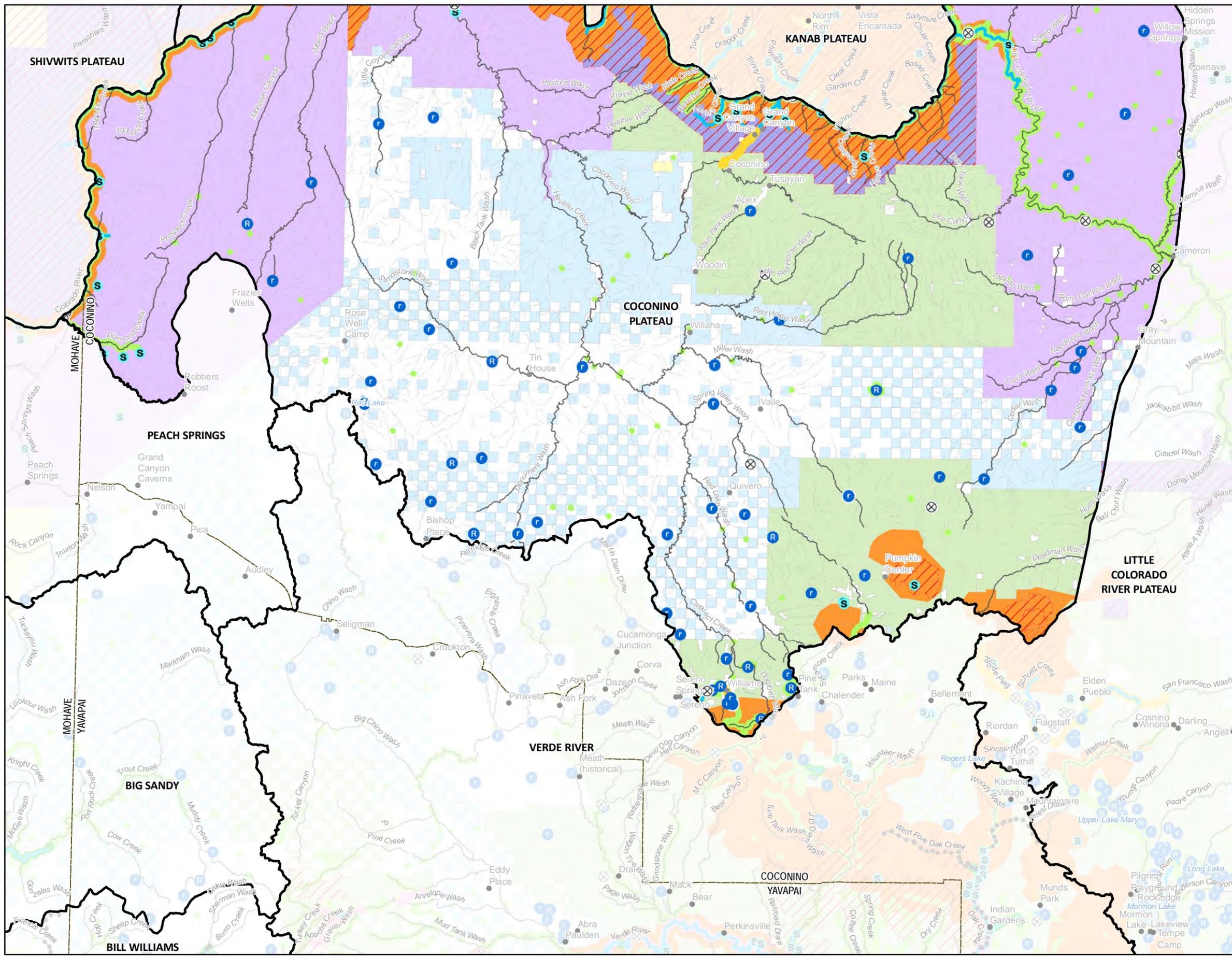
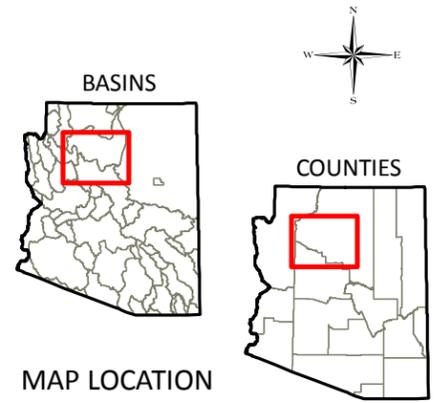
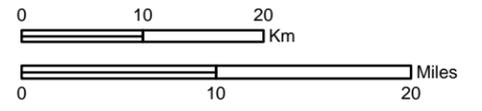
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- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir or Lake (NHD)
- ⊙ Major Spring (ADWR, Pima County)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
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COCONINO PLATEAU SOUTH GROUNDWATER BASIN

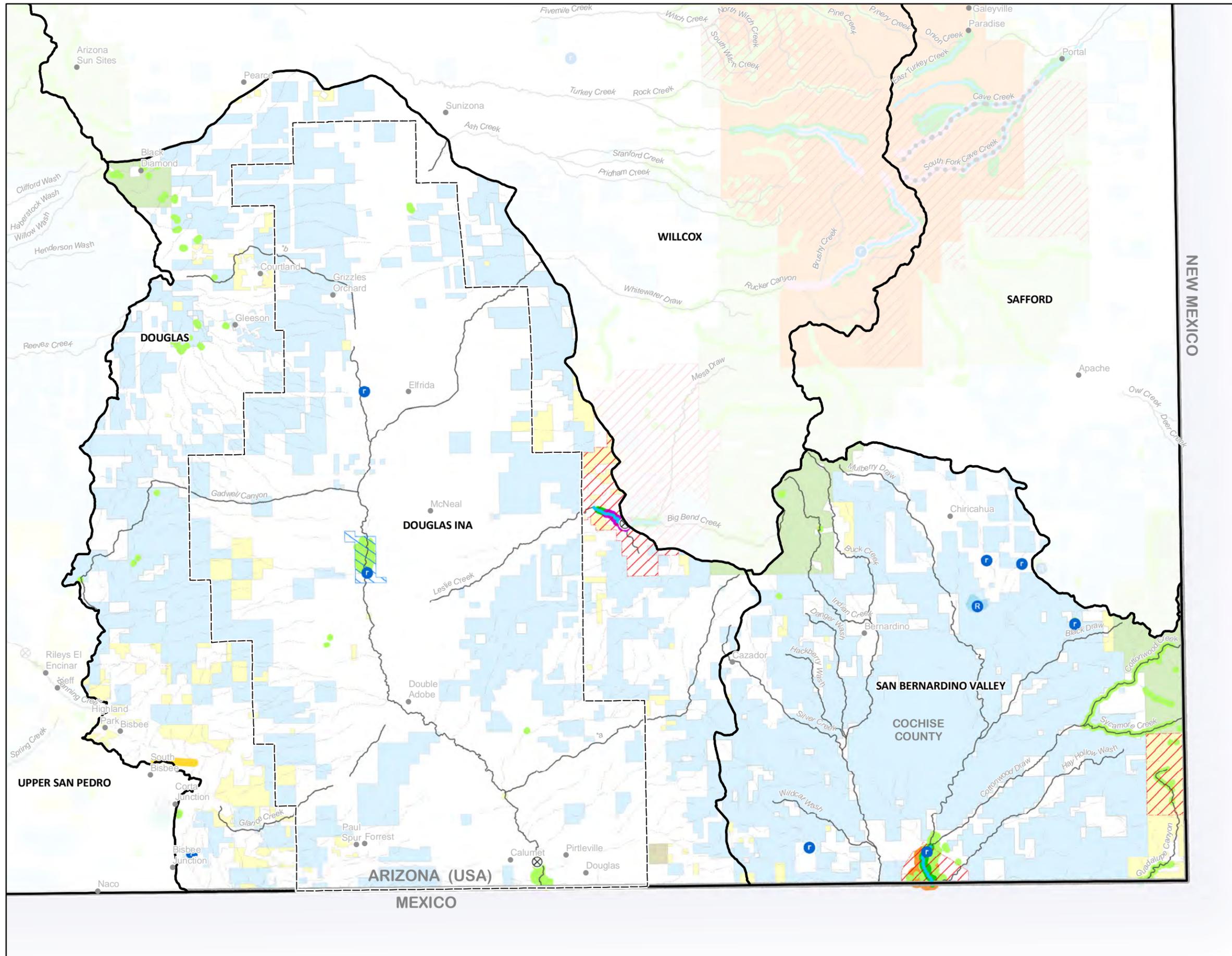
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- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
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- River or Stream (ALRIS)
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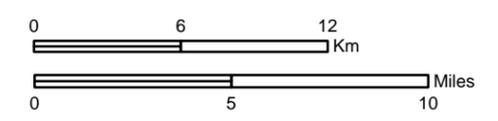
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DOUGLAS GROUPING

SAN BERNARDINO- DOUGLAS



- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir or Lake (NHD)
- ⊙ Major Spring (ADWR, Pima County)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
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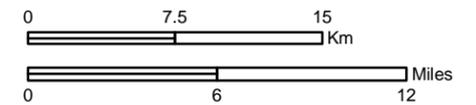


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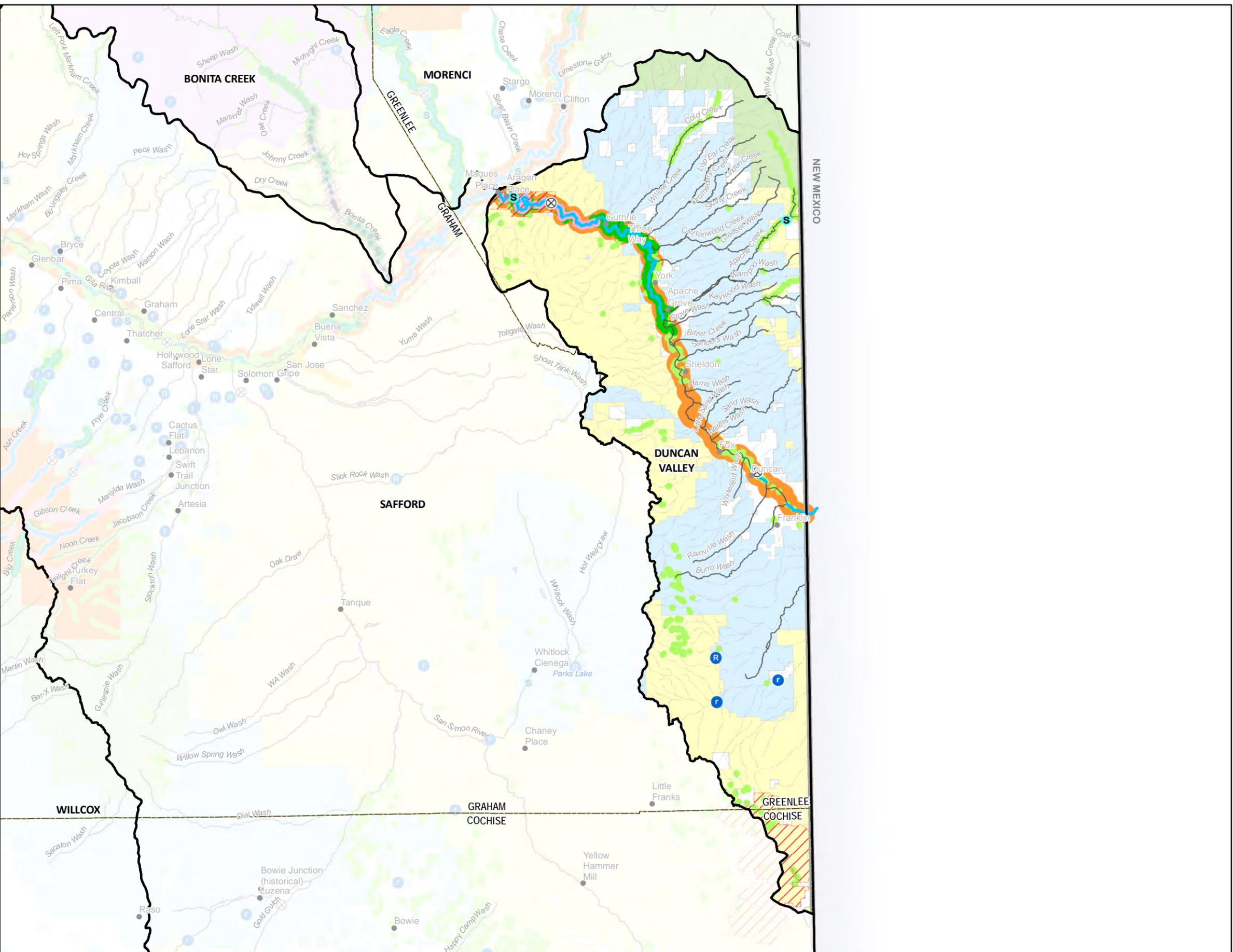
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DUNCAN VALLEY GROUNDWATER BASIN

- Town (GNIS)
- ▭ County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- ▭ Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- ▭ Perennial Flow (ADEQ, USGS)
- ▭ River or Stream (ALRIS)
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- ▭ National Park
- ▭ Military Reserve
- ▭ Private and Other Land
- ▭ State Trust Land
- ▭ Tribal Land



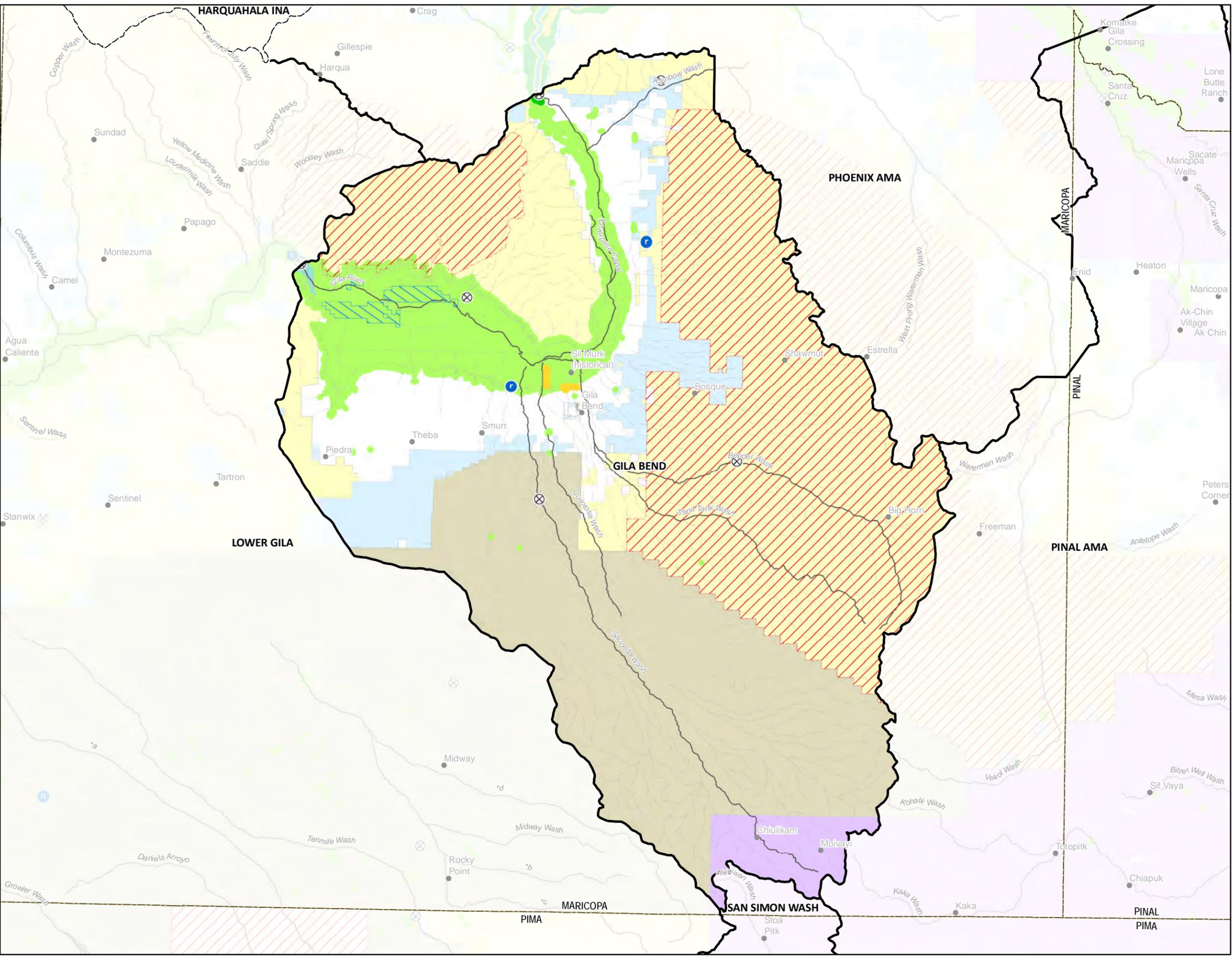
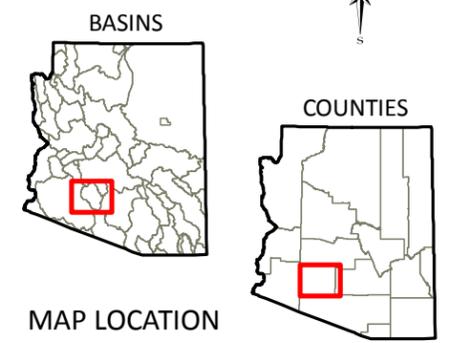
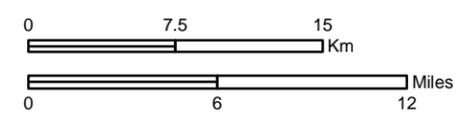
MAP LOCATION



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GILA BEND GROUNDWATER BASIN

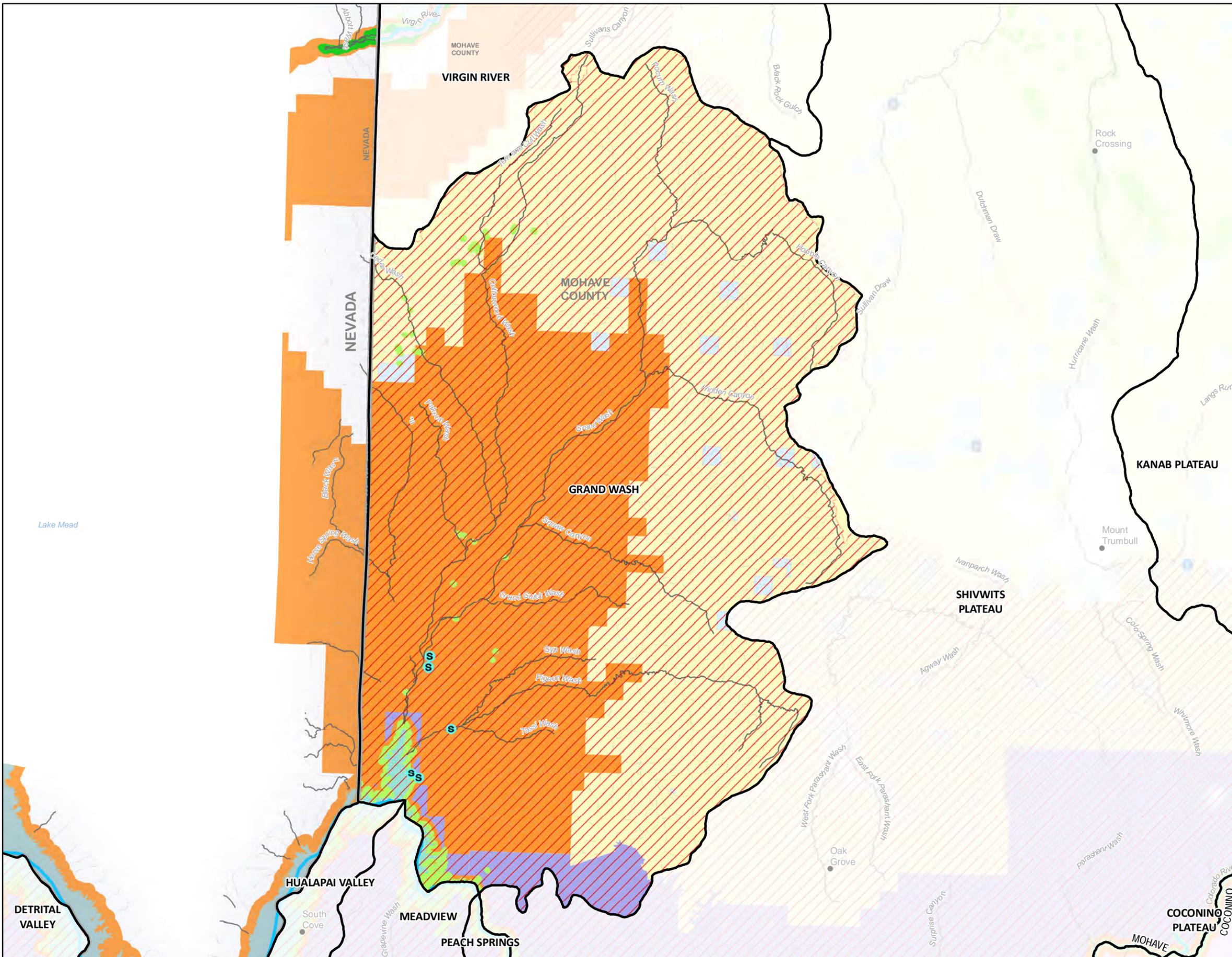
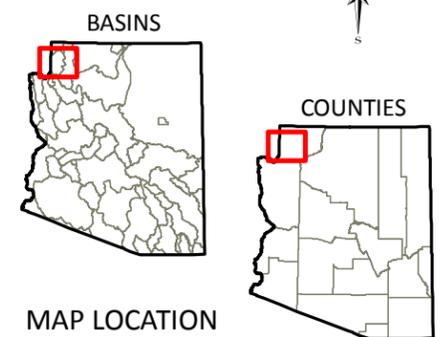
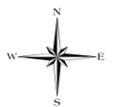
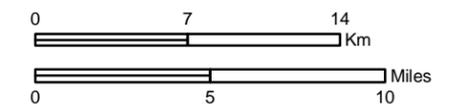
- Town (GNIS)
- ▭ County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- Proposed ESA Critical Habitat (USFWS)
- Federally Designated Wild and Scenic River (USFS)
- Federal Conservation Land (USFS, BLM, NPS)
- State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



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GRAND WASH GROUNDWATER BASIN

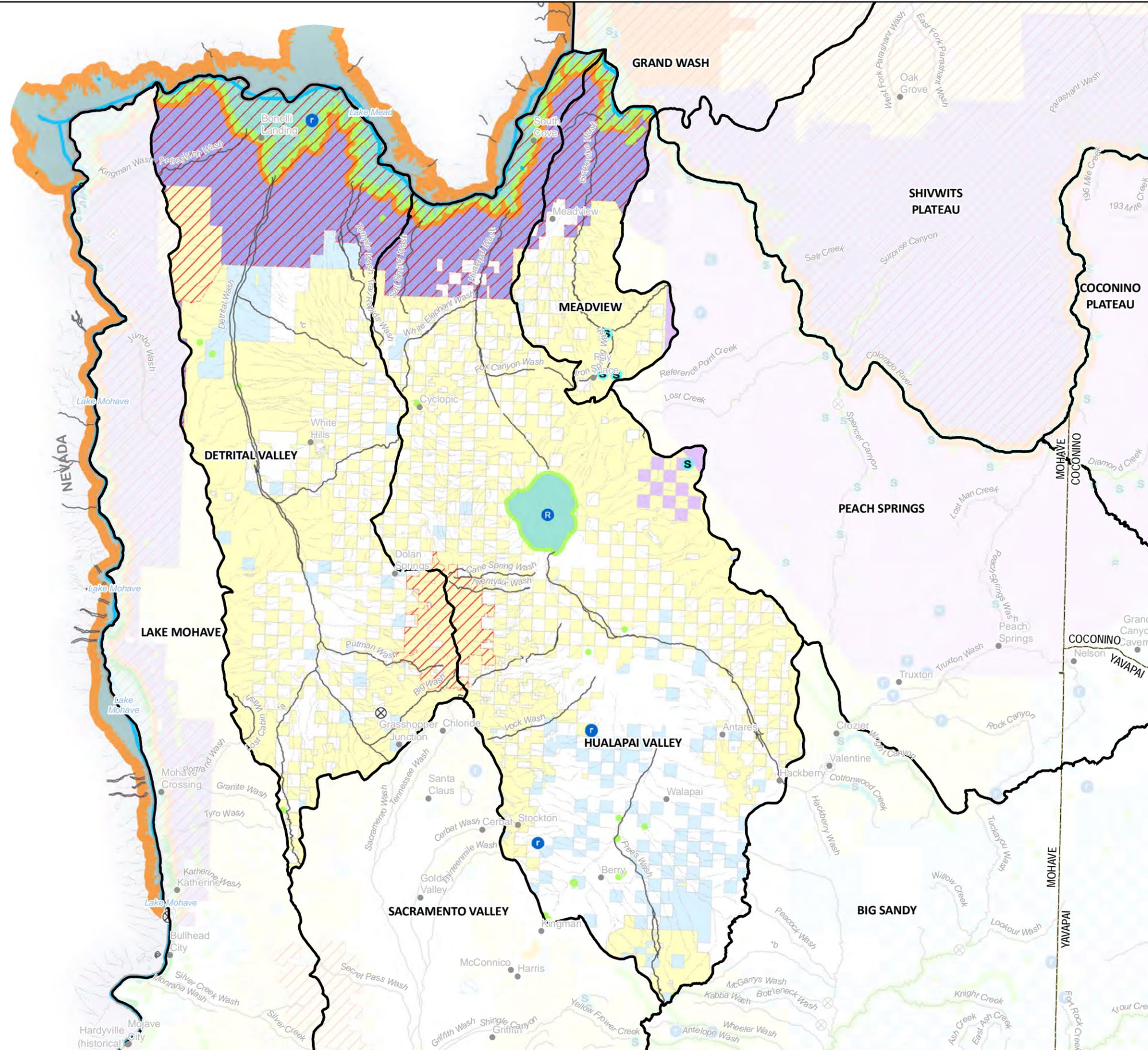
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- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
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- ▨ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



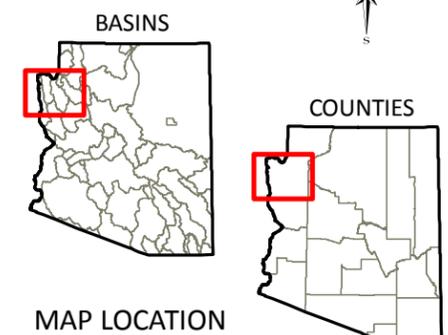
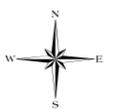
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HUALAPAI GROUPING

HUALAPAI - MEADVIEW- DETRITAL

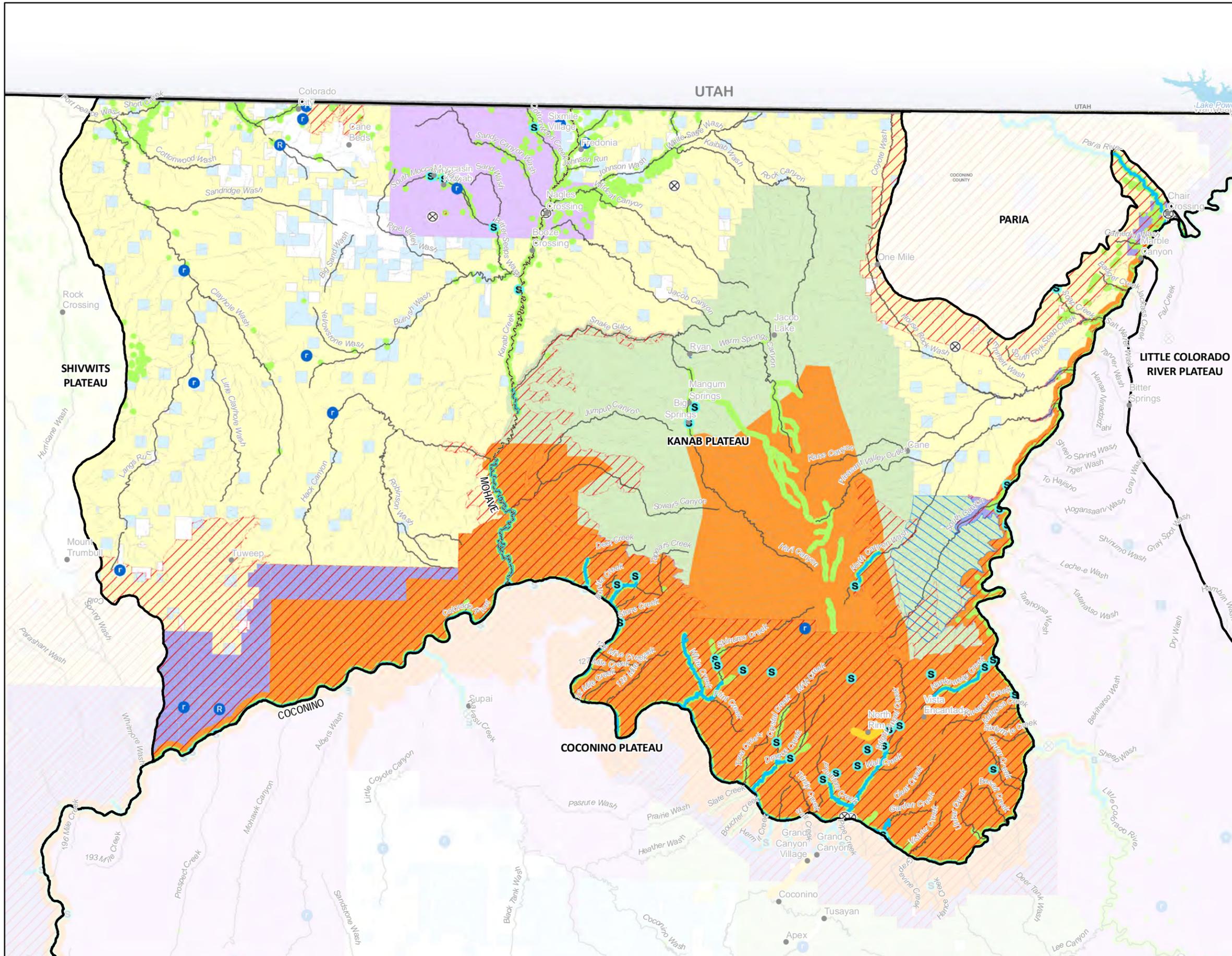


- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
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- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▭ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

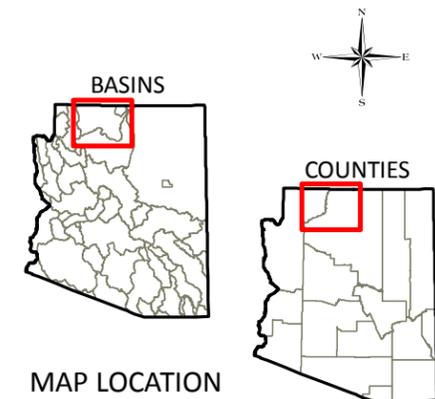
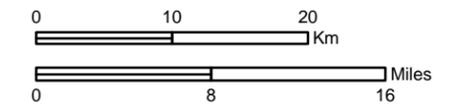


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KANAB PLATEAU GROUNDWATER BASIN



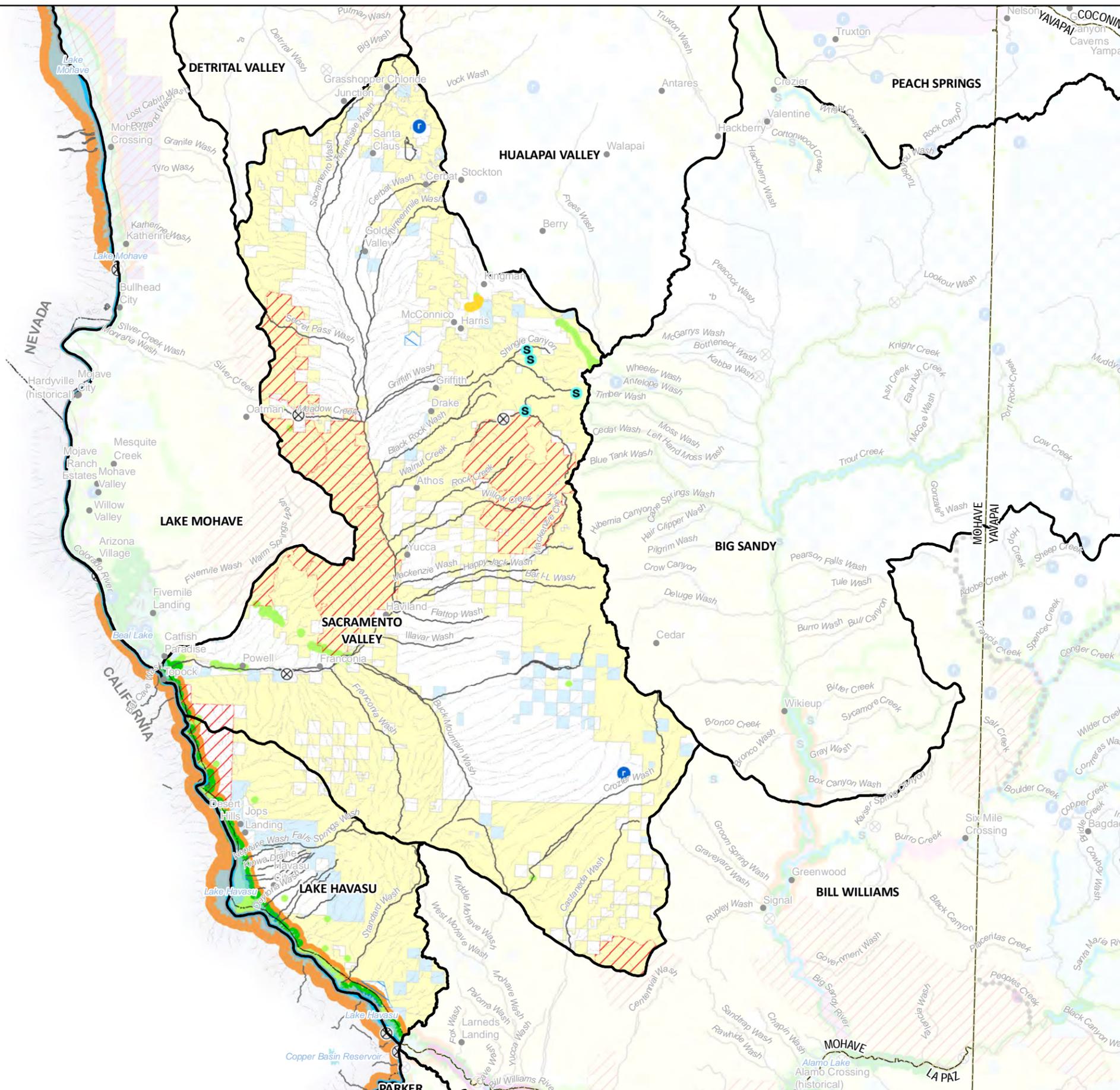
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- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ☑ Reservoir or Lake (NHD)
- ⊙ Major Spring (ADWR, Pima County)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
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- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
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- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



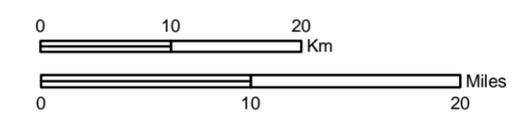
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LAKE HAVASU GROUPING

LAKE HAVASU - SACRAMENTO VALLEY

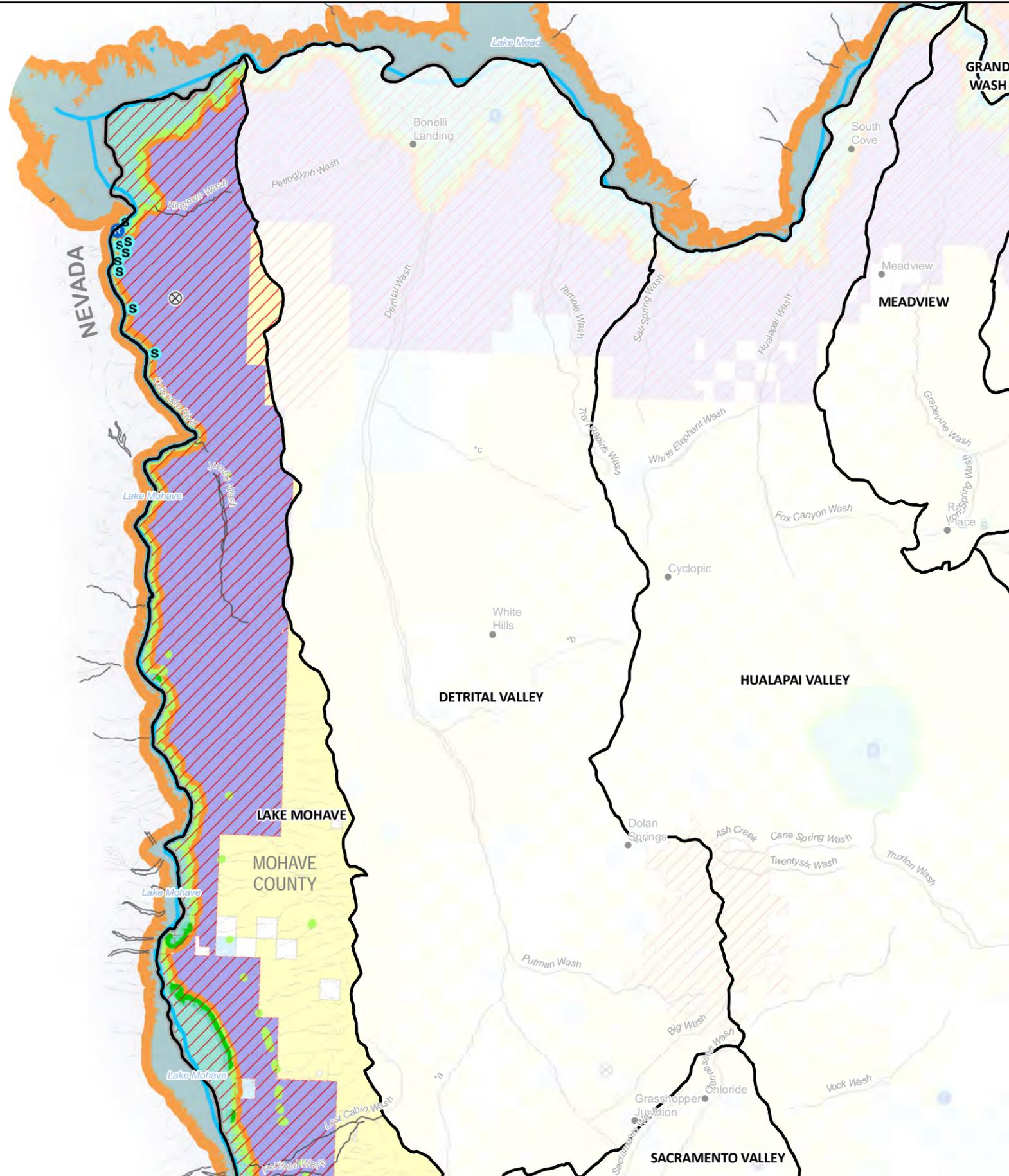


- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
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- Proposed ESA Critical Habitat (USFWS)
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- State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

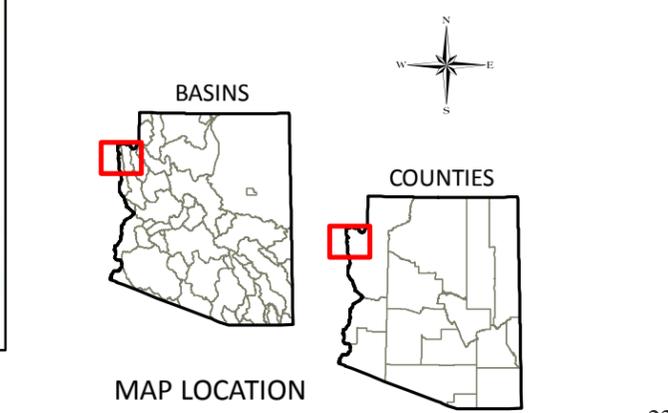
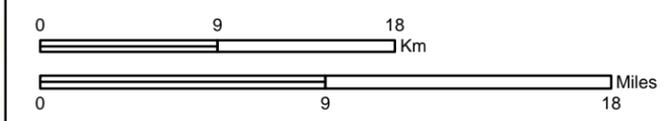


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LAKE MOHAVE NORTH GROUNDWATER BASIN

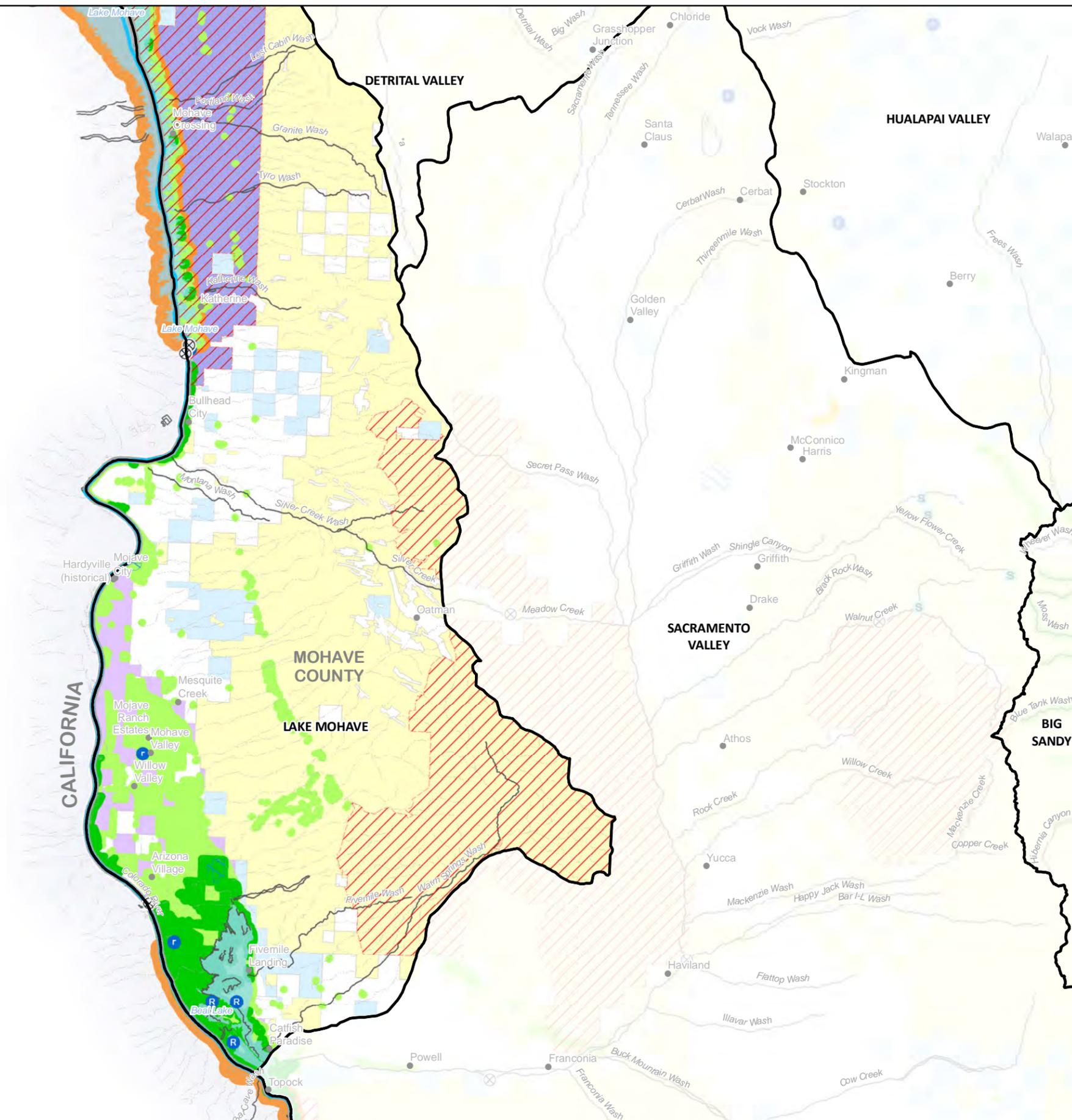


- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
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- Modeled Riparian Habitat (AZGFD)
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- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

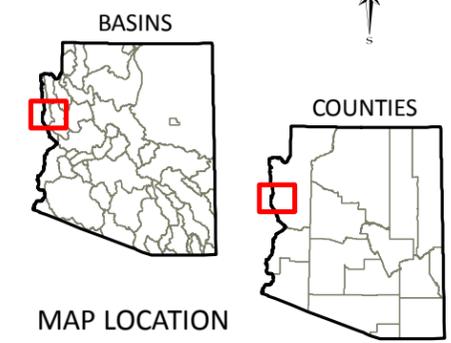
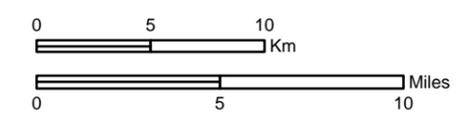


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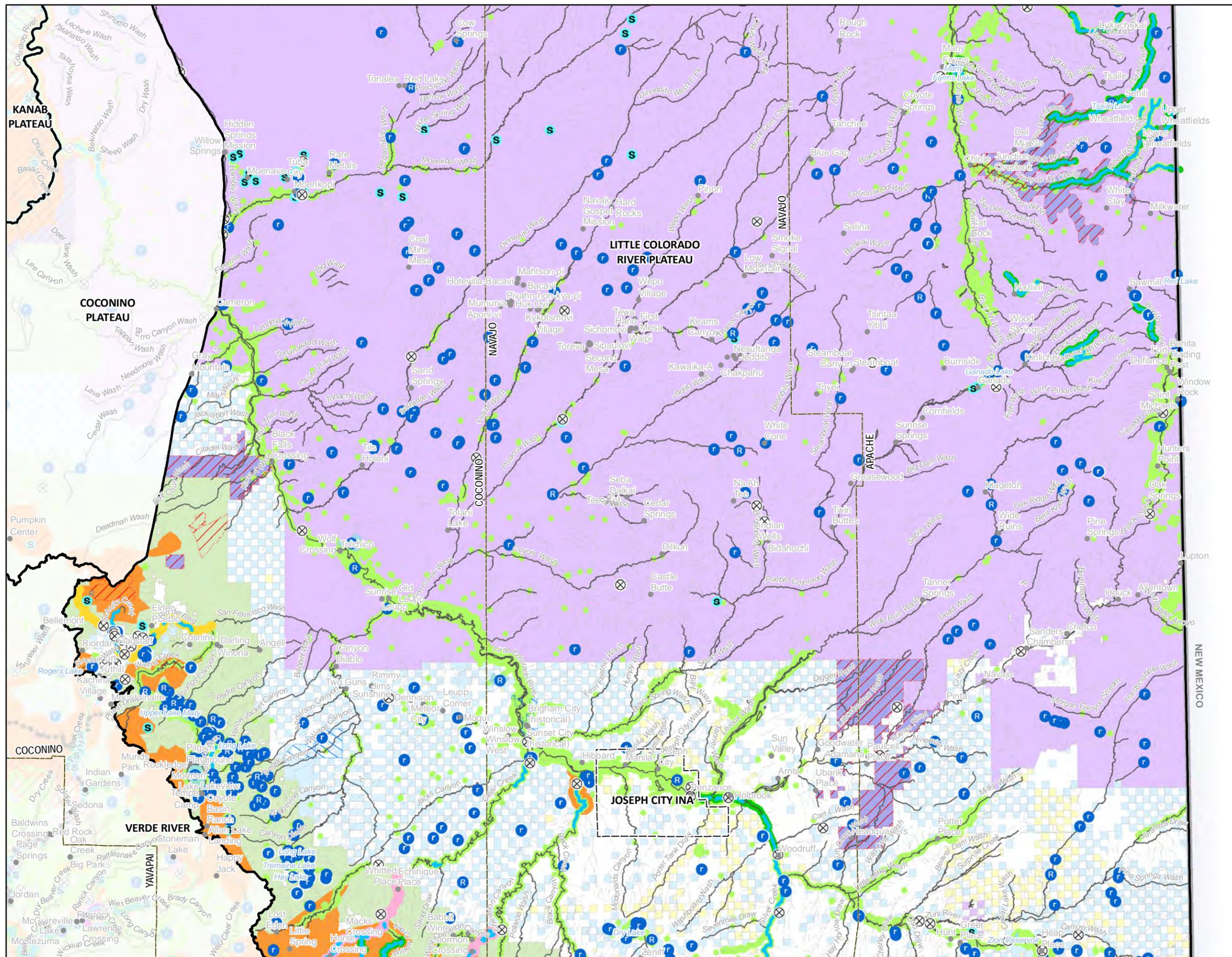
LAKE MOHAVE SOUTH GROUNDWATER BASIN



- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
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- State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

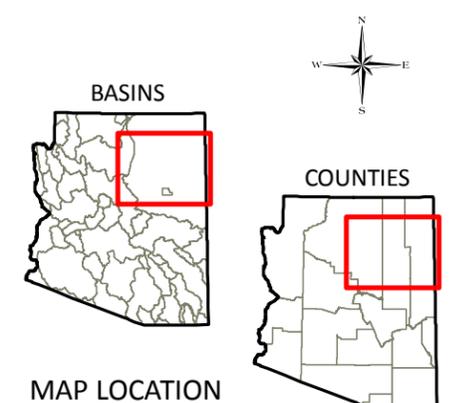
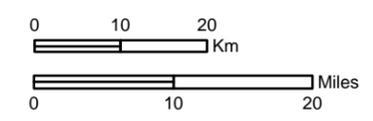


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LITTLE COLORADO CENTRAL GROUNDWATER BASIN

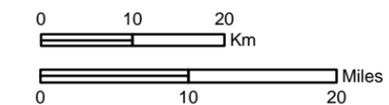
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- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
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- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



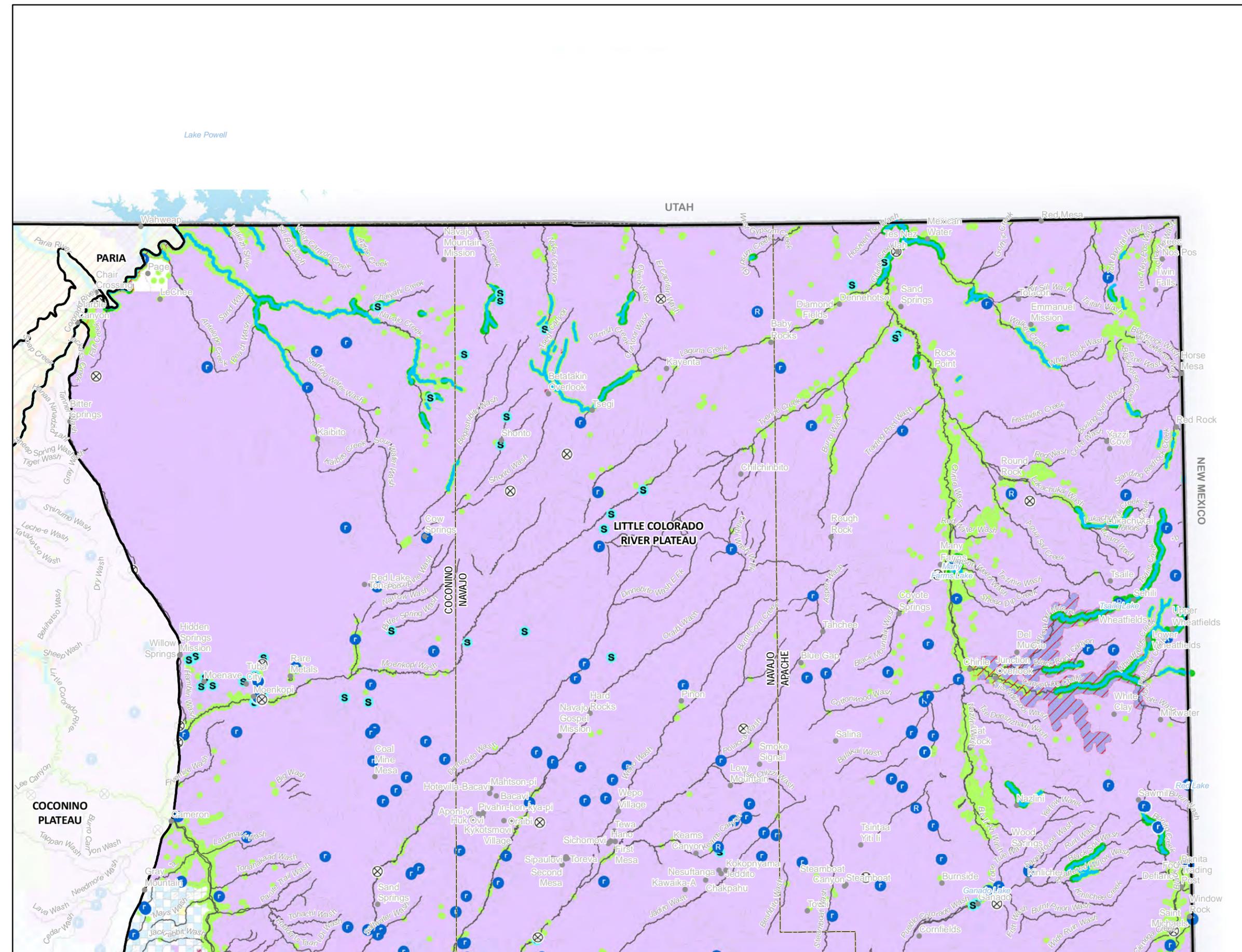
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LITTLE COLORADO NORTH GROUNDWATER BASIN

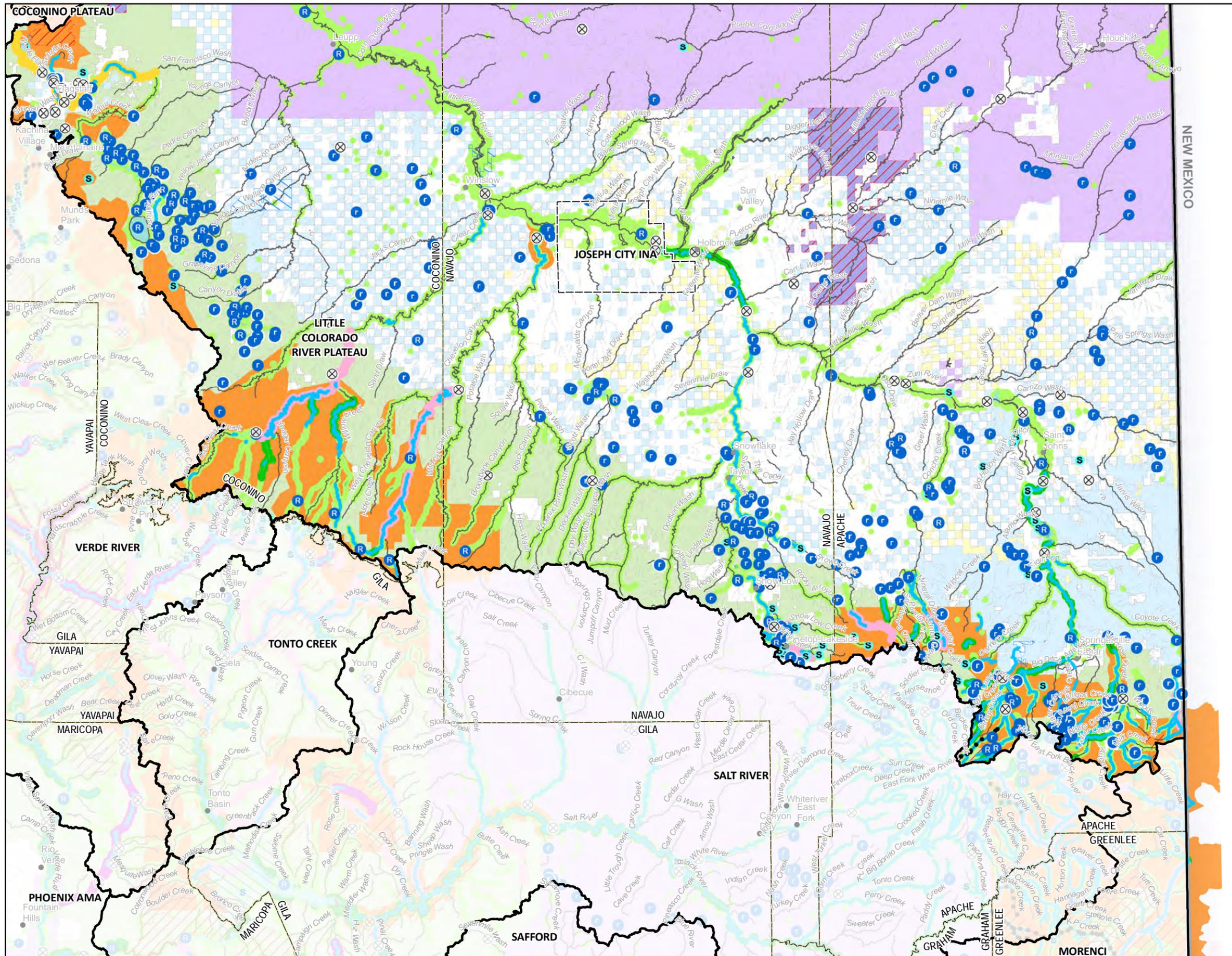
- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- ⊗ Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
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- ▨ Proposed ESA Critical Habitat (USFWS)
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- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



MAP LOCATION

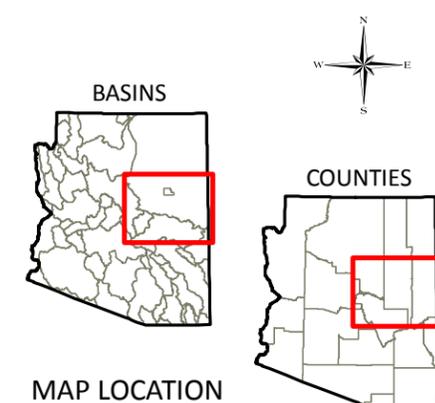
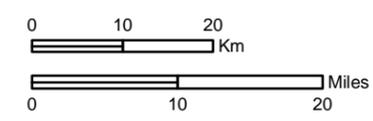


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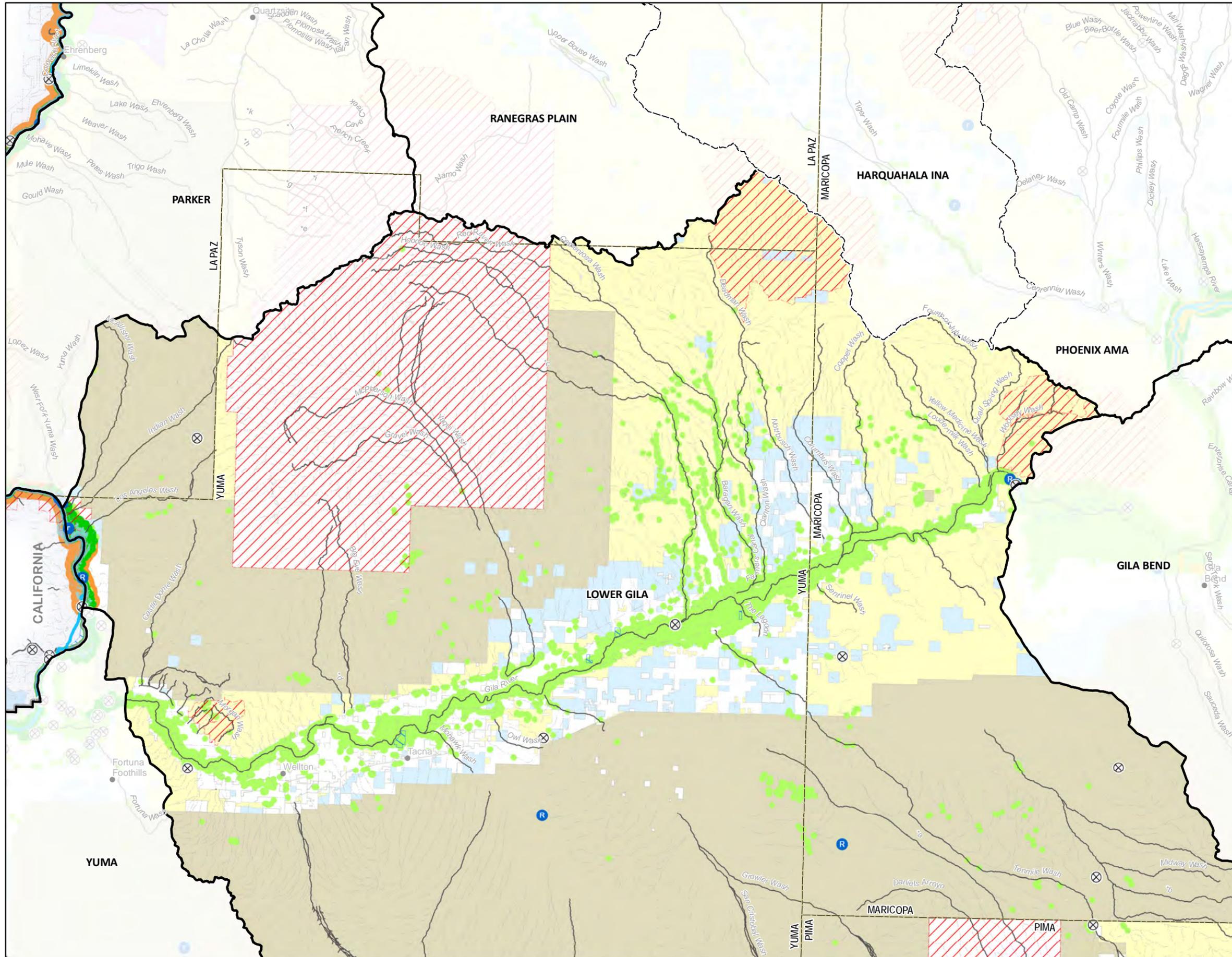
LITTLE COLORADO SOUTH GROUNDWATER BASIN

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
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- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

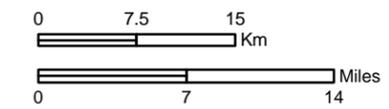


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LOWER GILA NORTH GROUNDWATER BASIN



- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
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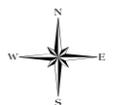
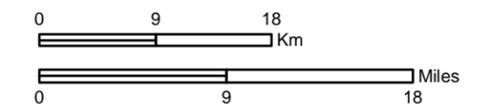


MAP LOCATION

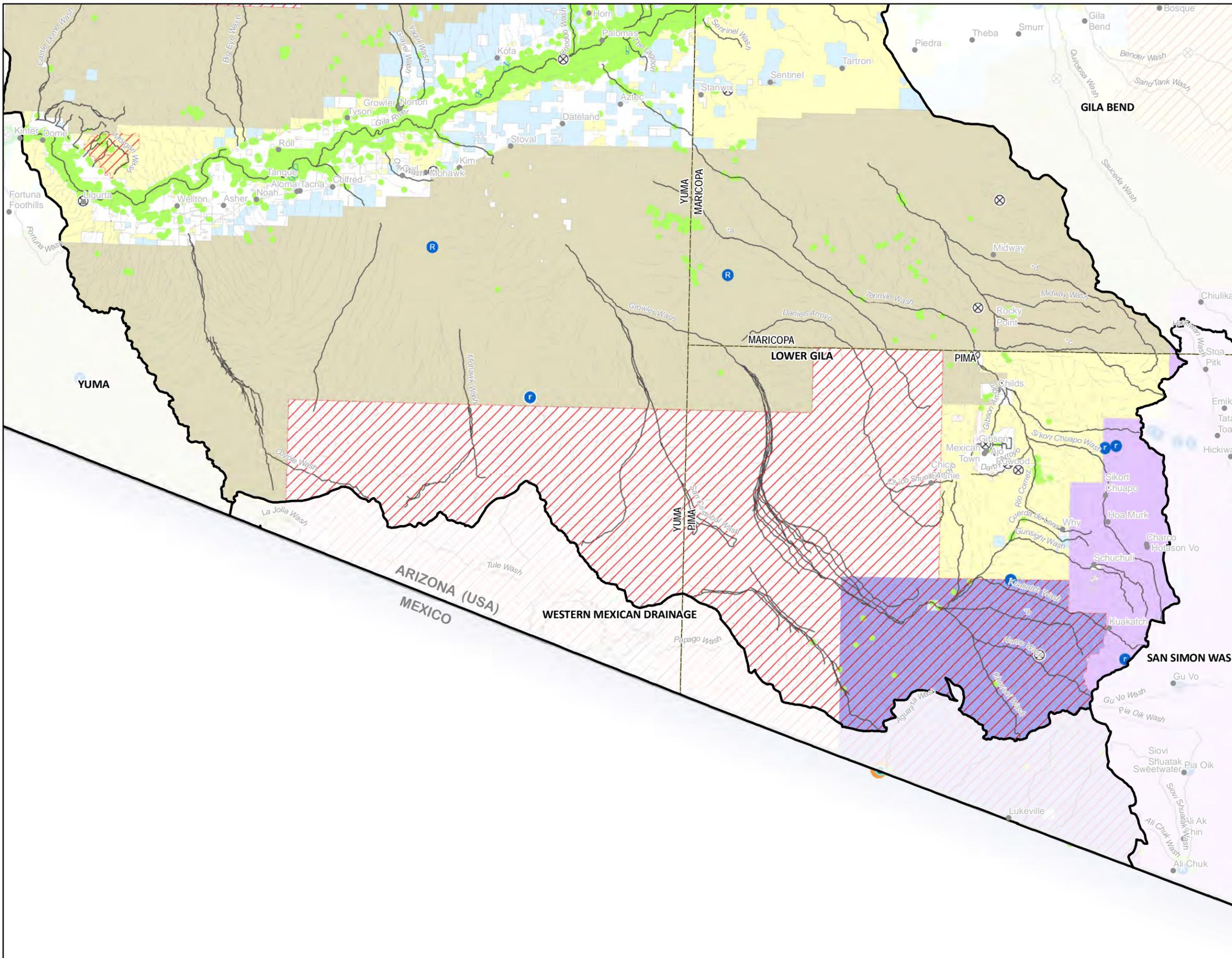
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LOWER GILA SOUTH GROUNDWATER BASIN

- Town (GNIS)
- ▭ County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- ⊗ Stream Gage (USGS, SWM Study)
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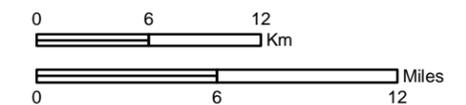
MAP LOCATION



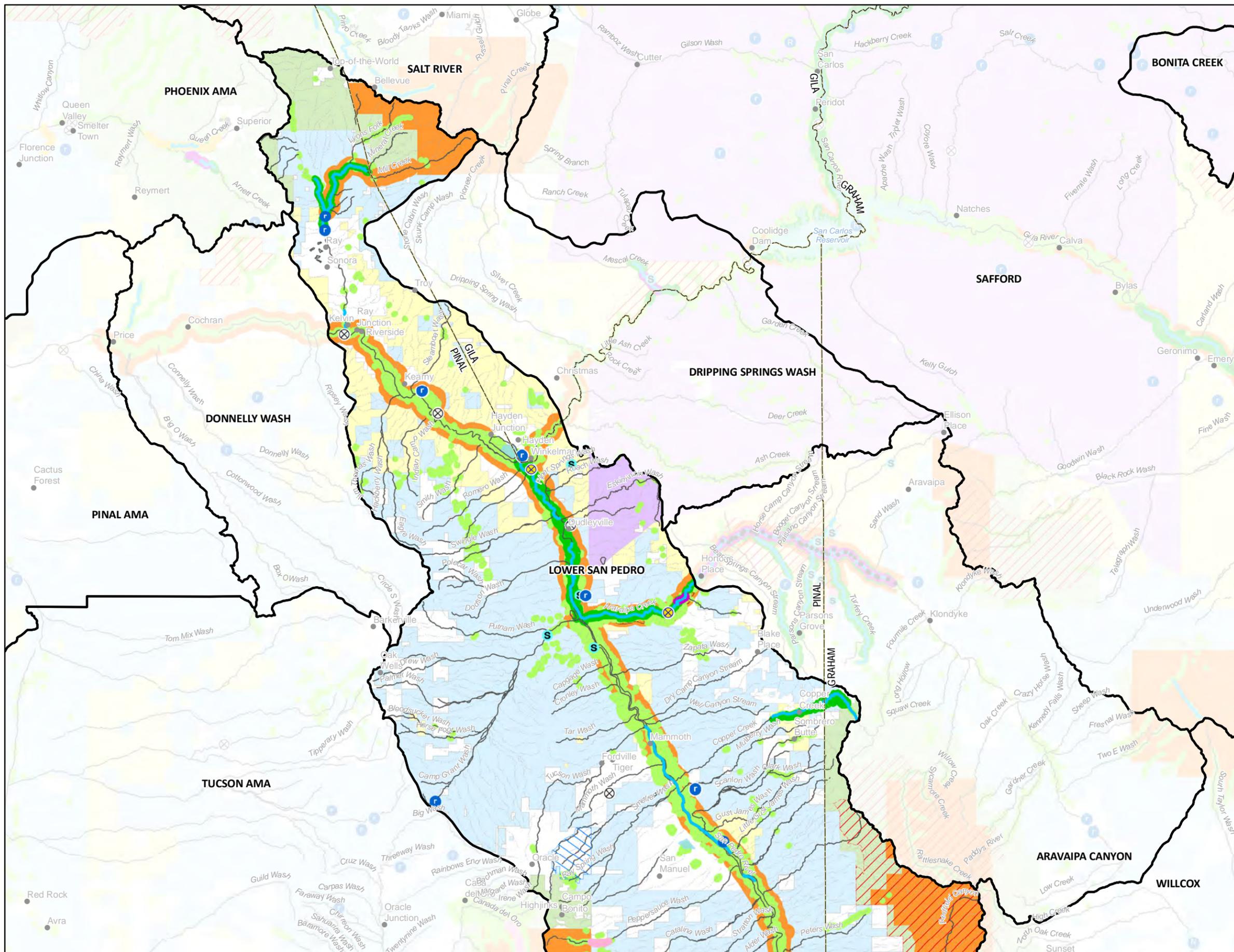
NOTE: Because GIS data for this project were acquired from multiple sources employing different land base grids and varying accuracy standards, some inconsistencies were encountered. The user is responsible for understanding the accuracy limitations of GIS data layers and is responsible for the results of any application of the data for other than their intended purpose.

LOWER SAN PEDRO NORTH GROUNDWATER BASIN

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



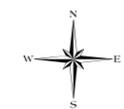
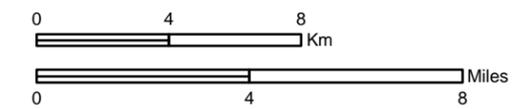
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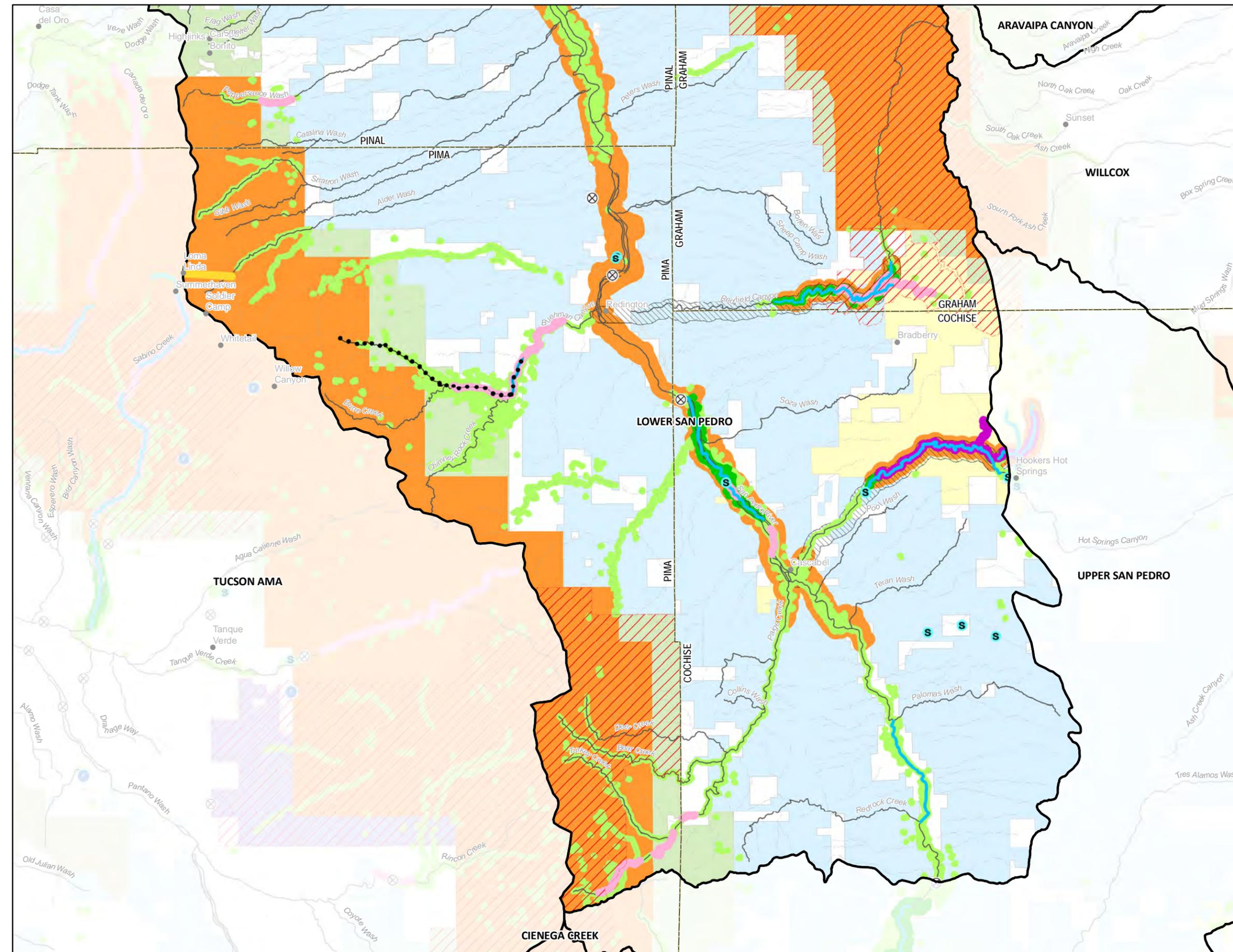
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LOWER SAN PEDRO SOUTH GROUNDWATER BASIN

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



MAP LOCATION

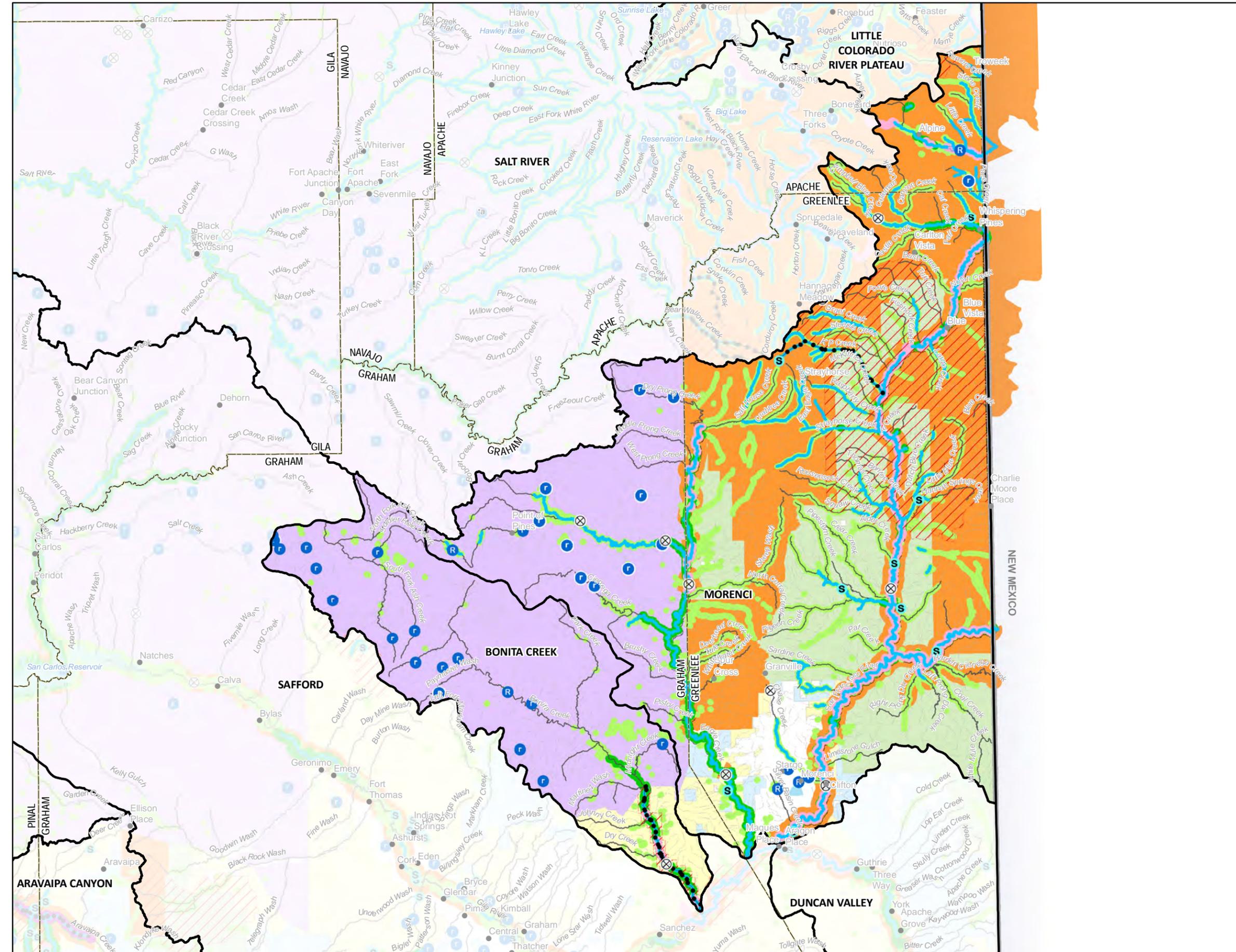
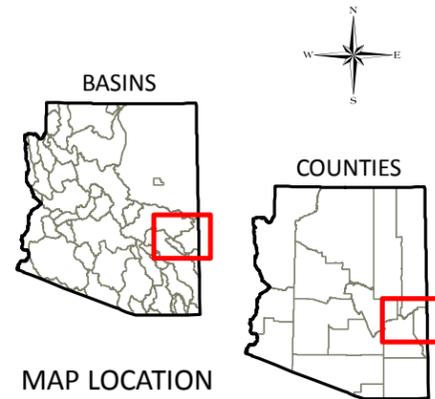
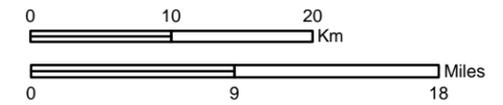


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MORENCI GROUPING

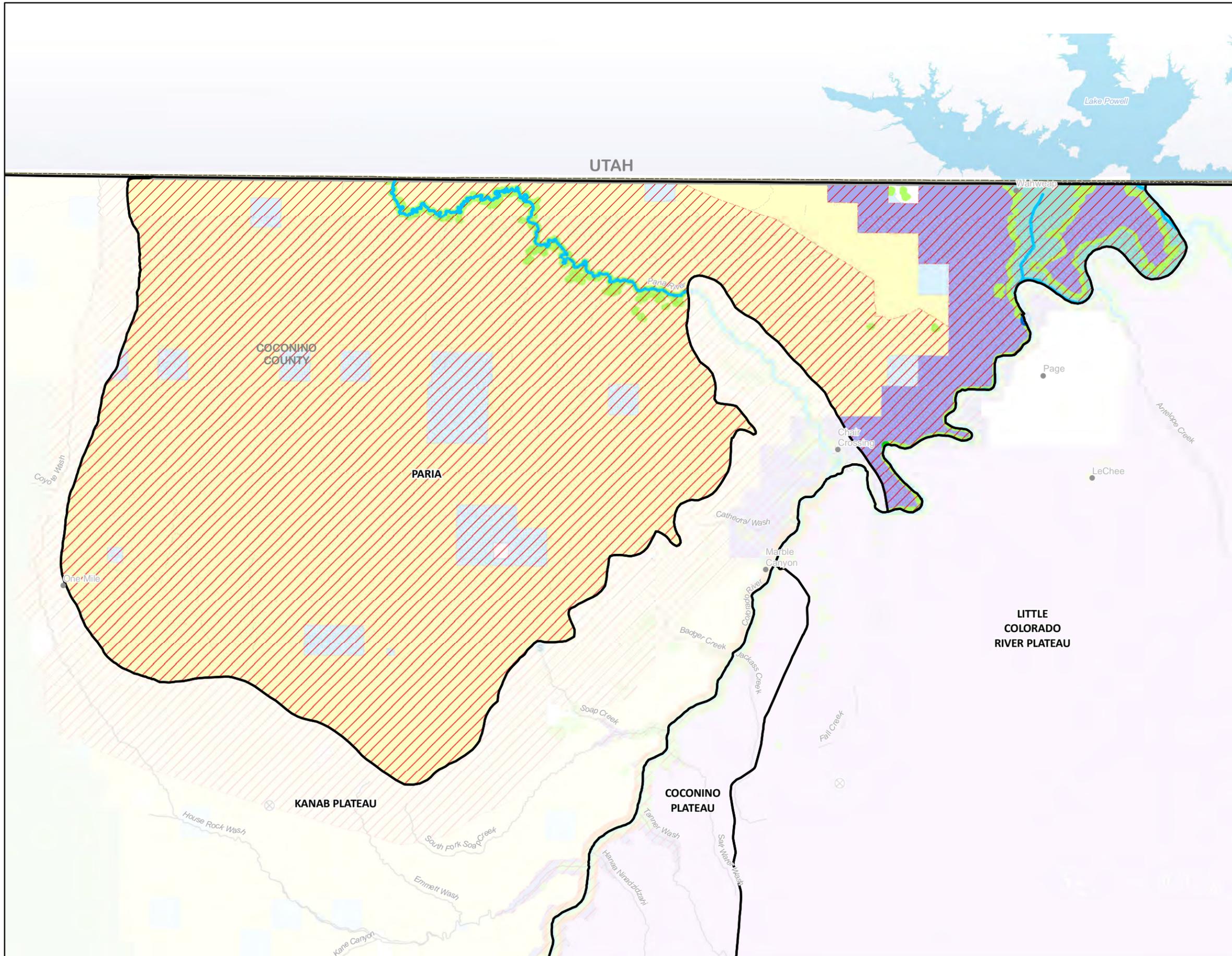
BONITA CREEK- MORENCI

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- ☪ Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▭ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

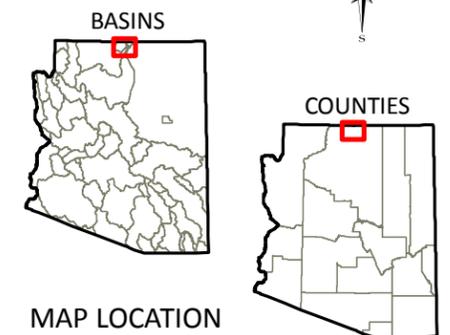
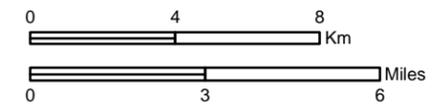


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PARIA GROUNDWATER BASIN



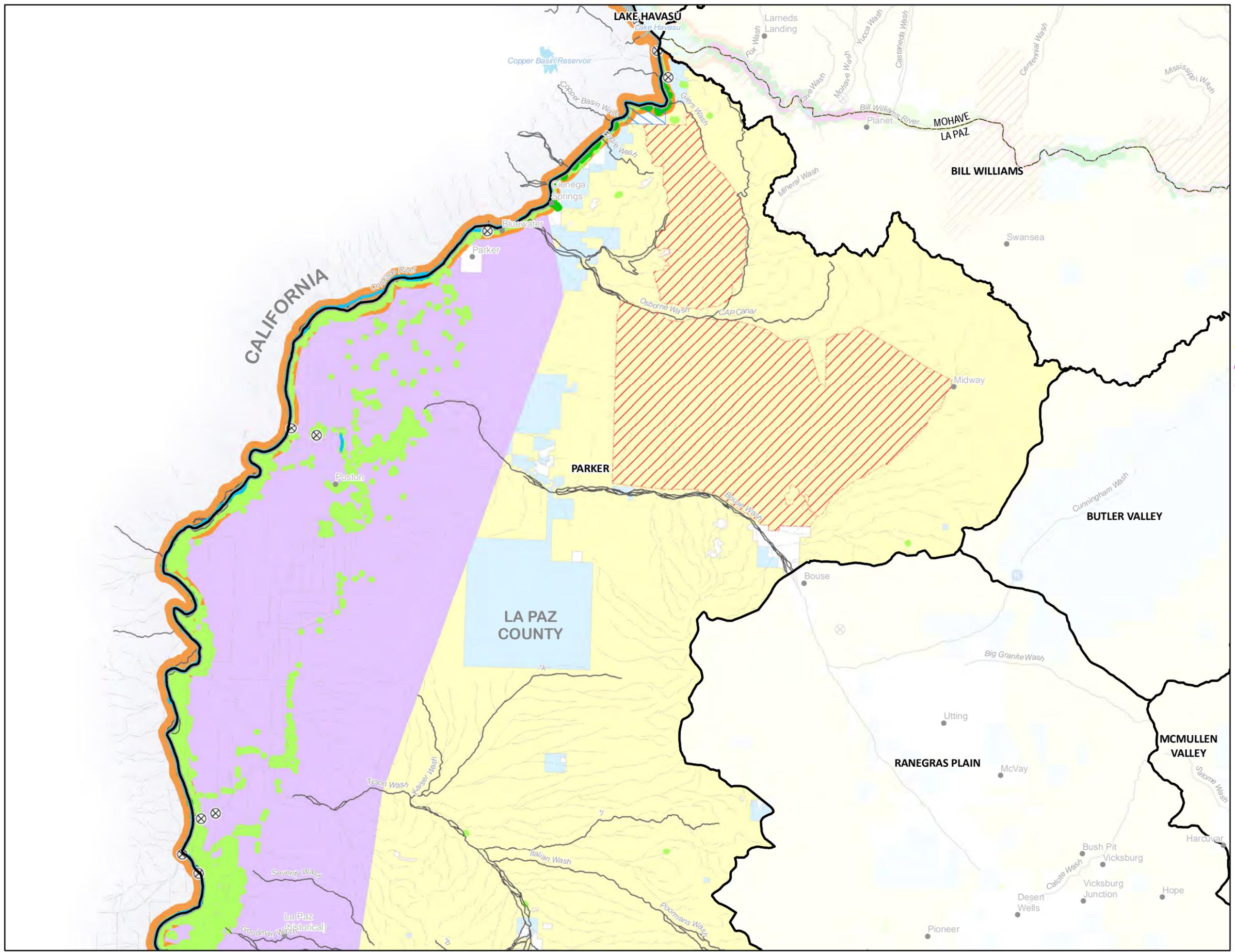
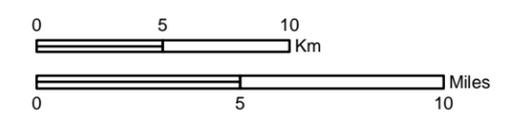
- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- ☪ Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- ⊗ Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- ~ Perennial Flow (ADEQ, USGS)
- ~ River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- ▭ Effluent Dependent Stream (ADWR, NEMO)
- ▭ Instream Flow Certificate (ADWR)
- ▭ Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- ▭ Designated ESA Critical Habitat (USFWS)
- ▭ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▭ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- ▭ BLM Land
- ▭ National Forest
- ▭ National Park
- ▭ Military Reserve
- ▭ Private and Other Land
- ▭ State Trust Land
- ▭ Tribal Land



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PARKER NORTH GROUNDWATER BASIN

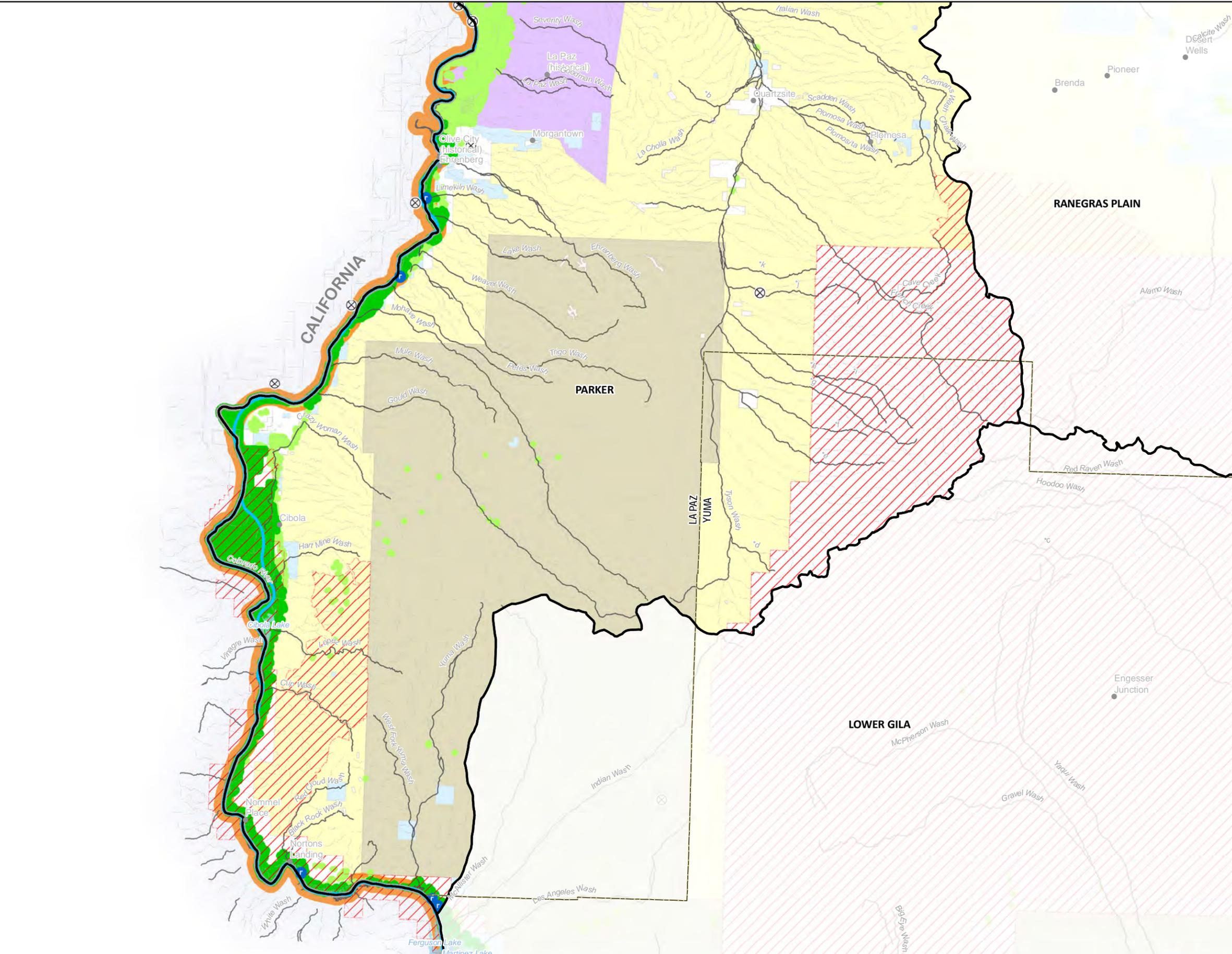
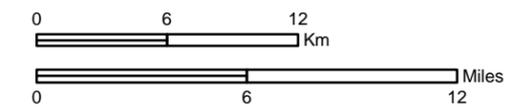
- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
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- Modeled Riparian Habitat (AZGFD)
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- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



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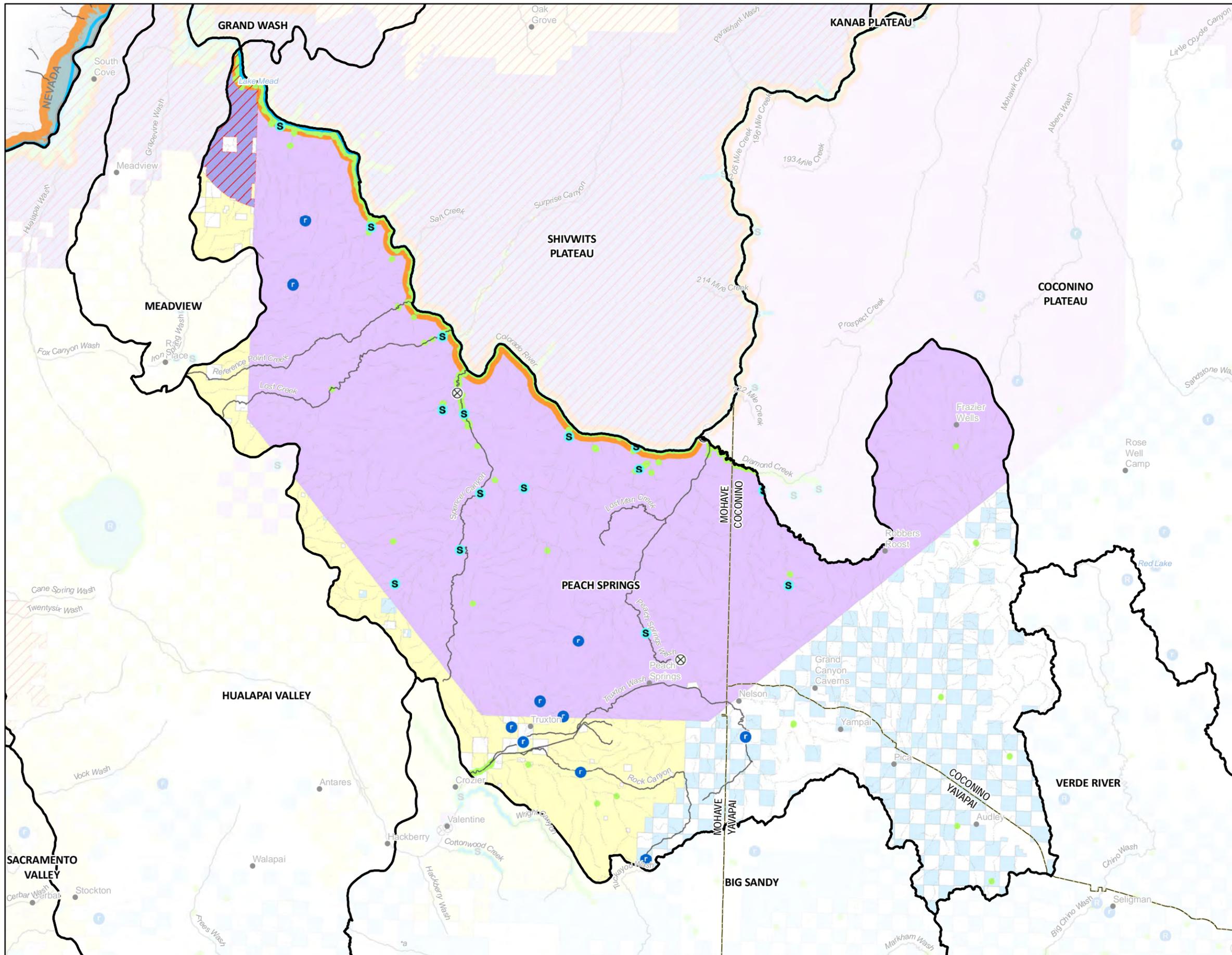
PARKER SOUTH GROUNDWATER BASIN

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
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- Modeled Riparian Habitat (AZGFD)
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- Proposed ESA Critical Habitat (USFWS)
- Federally Designated Wild and Scenic River (USFS)
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- State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

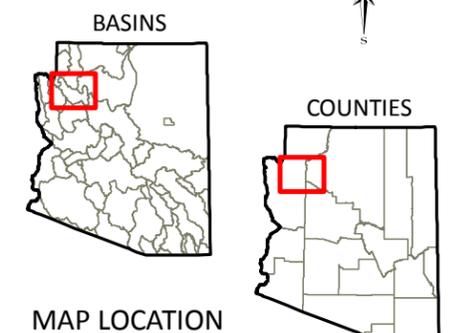
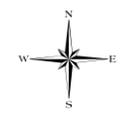
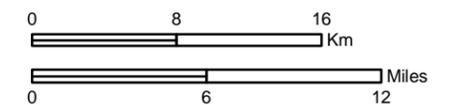


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PEACH SPRINGS GROUNDWATER BASIN



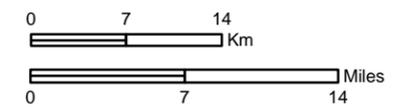
- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir or Lake (NHD)
- ⊙ Major Spring (ADWR, Pima County)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▨ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



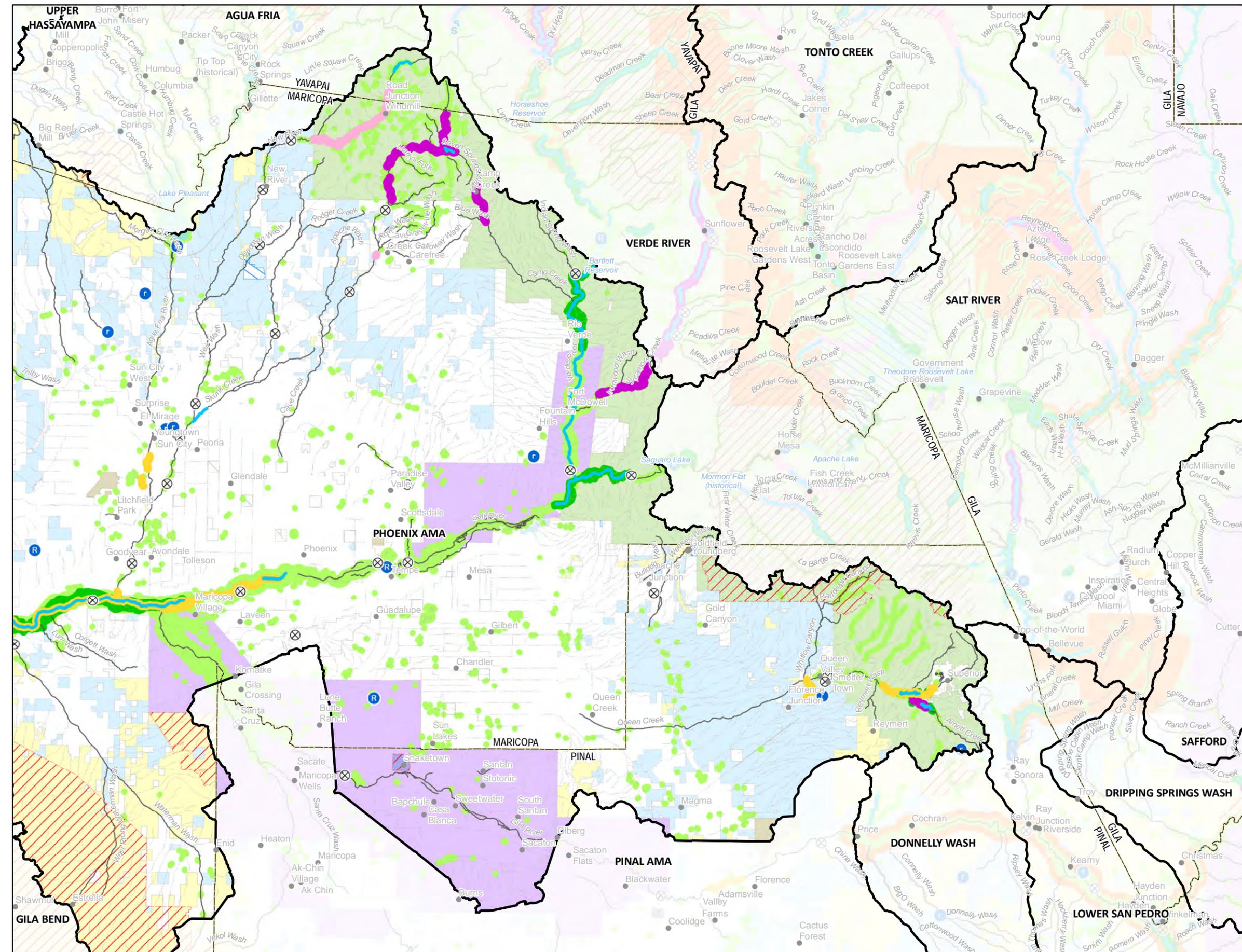
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PHOENIX AMA EAST GROUNDWATER BASIN

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



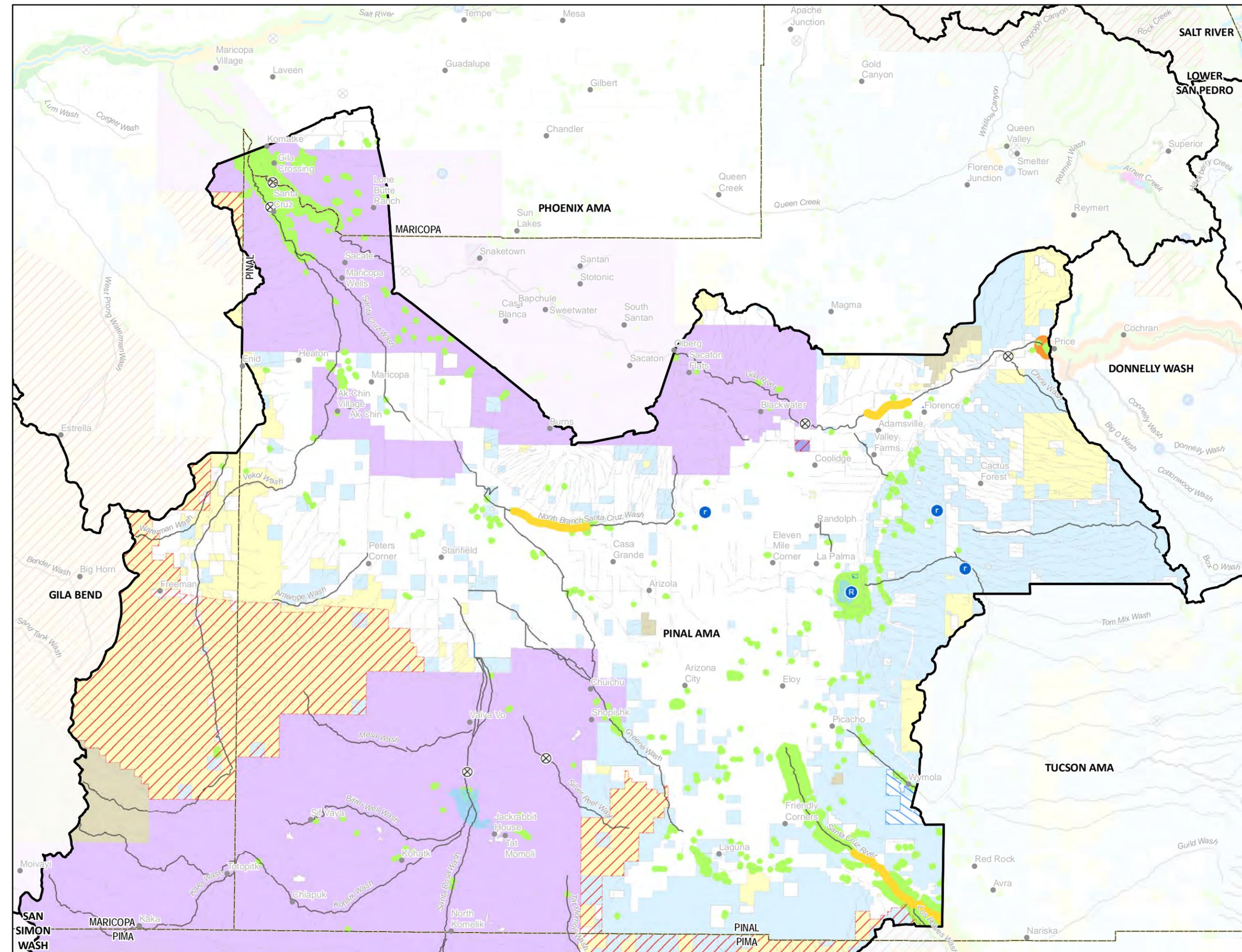
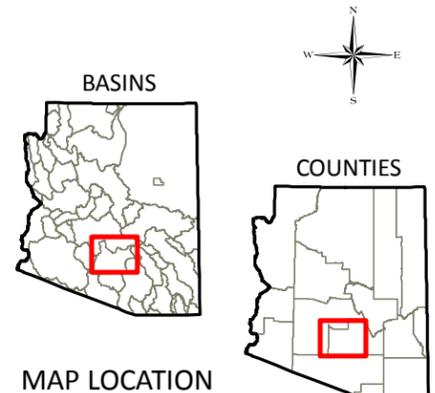
MAP LOCATION



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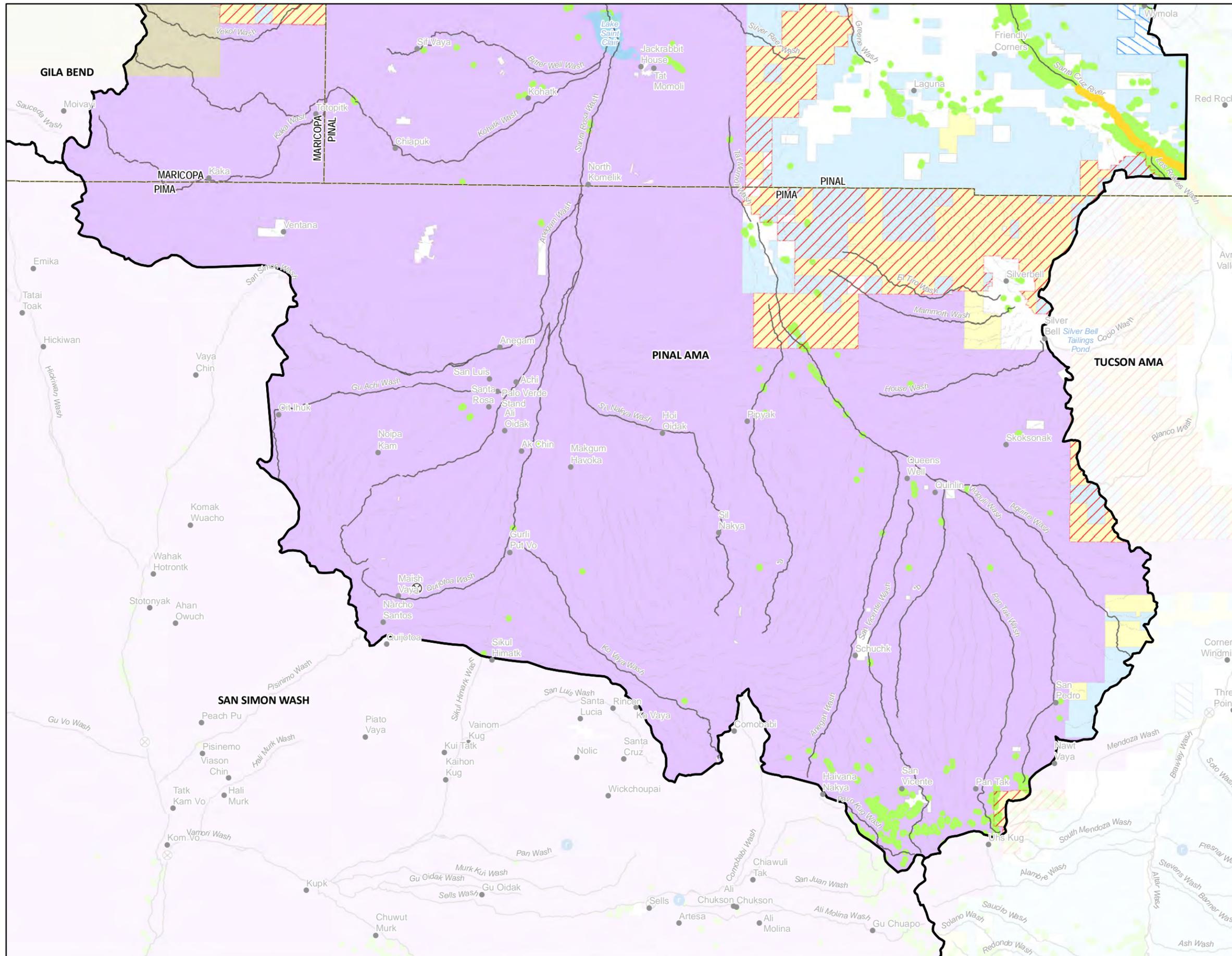
PINAL AMA NORTH GROUNDWATER BASIN

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
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- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

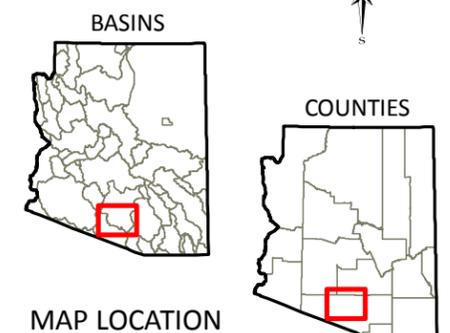
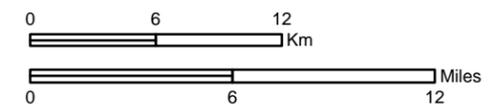


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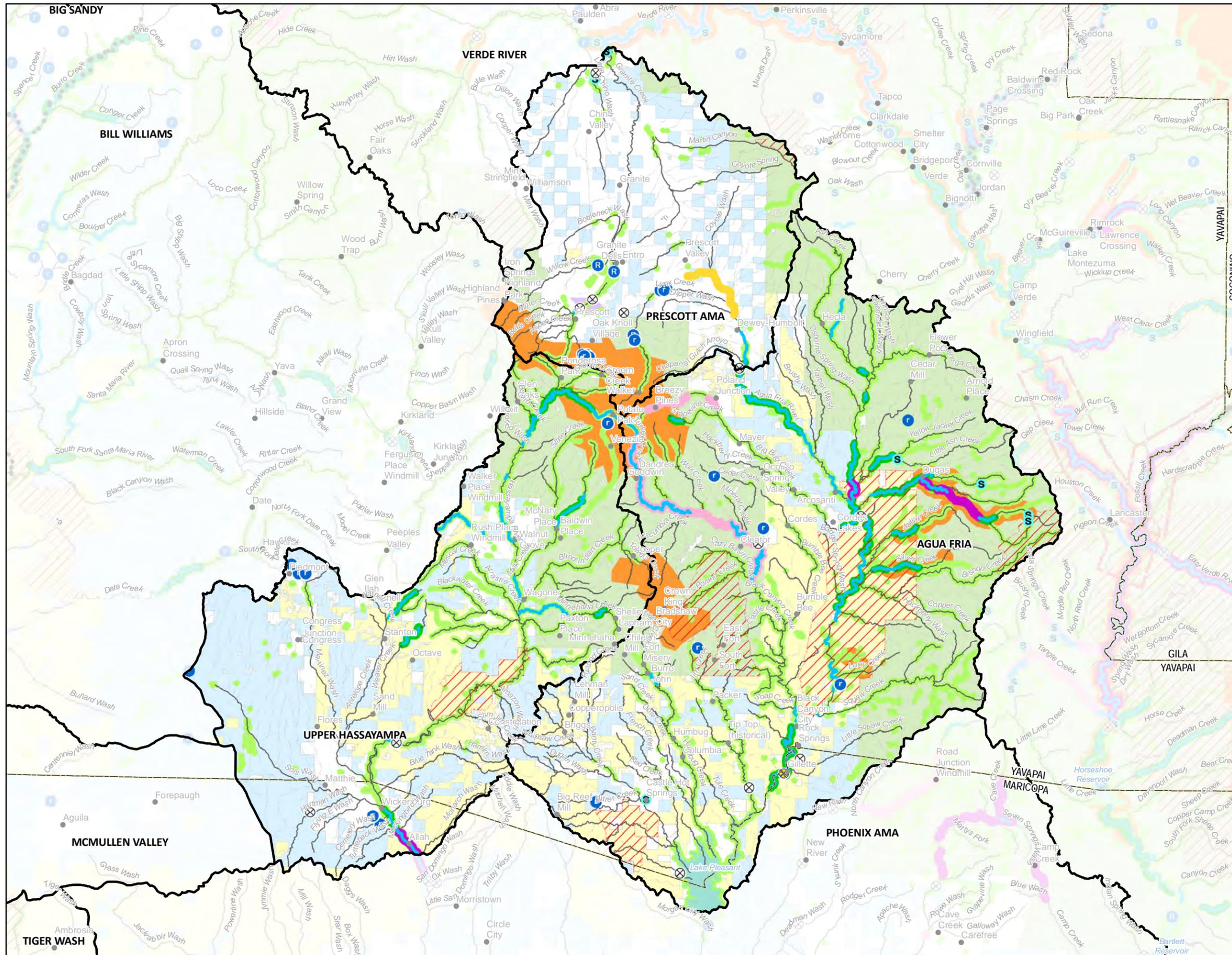
PINAL AMA SOUTH GROUNDWATER BASIN



- Town (GNIS)
- ▭ County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
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- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- ▭ Private and Other Land
- State Trust Land
- Tribal Land



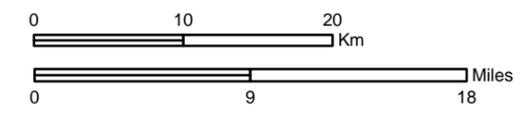
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PRESCOTT GROUPING

PRESCOTT- AGUA FRIA- HASSAYAMPA

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
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- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
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- ▭ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

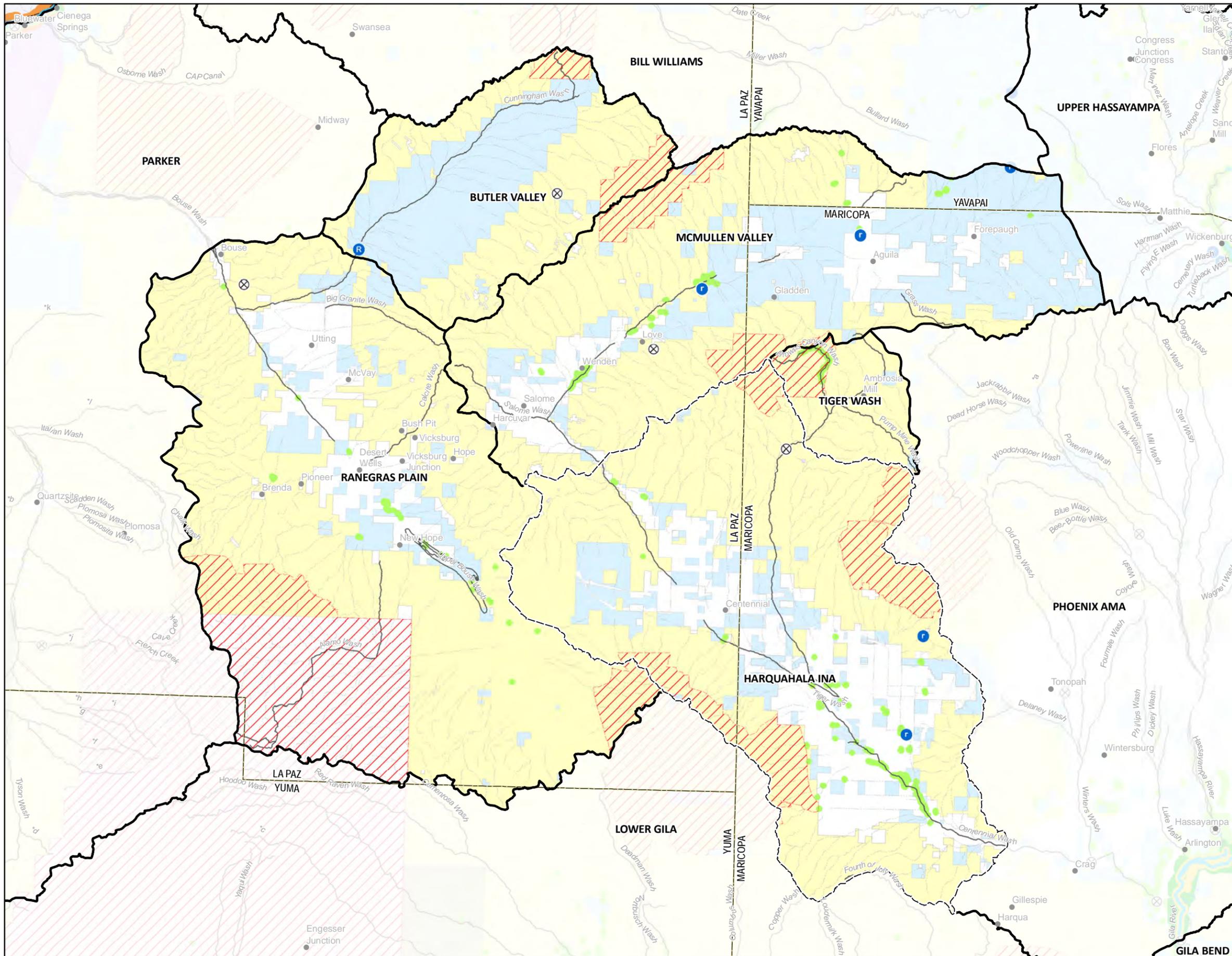


MAP LOCATION

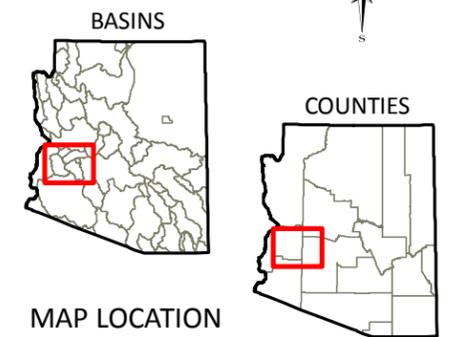
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RANEGRAS GROUPING

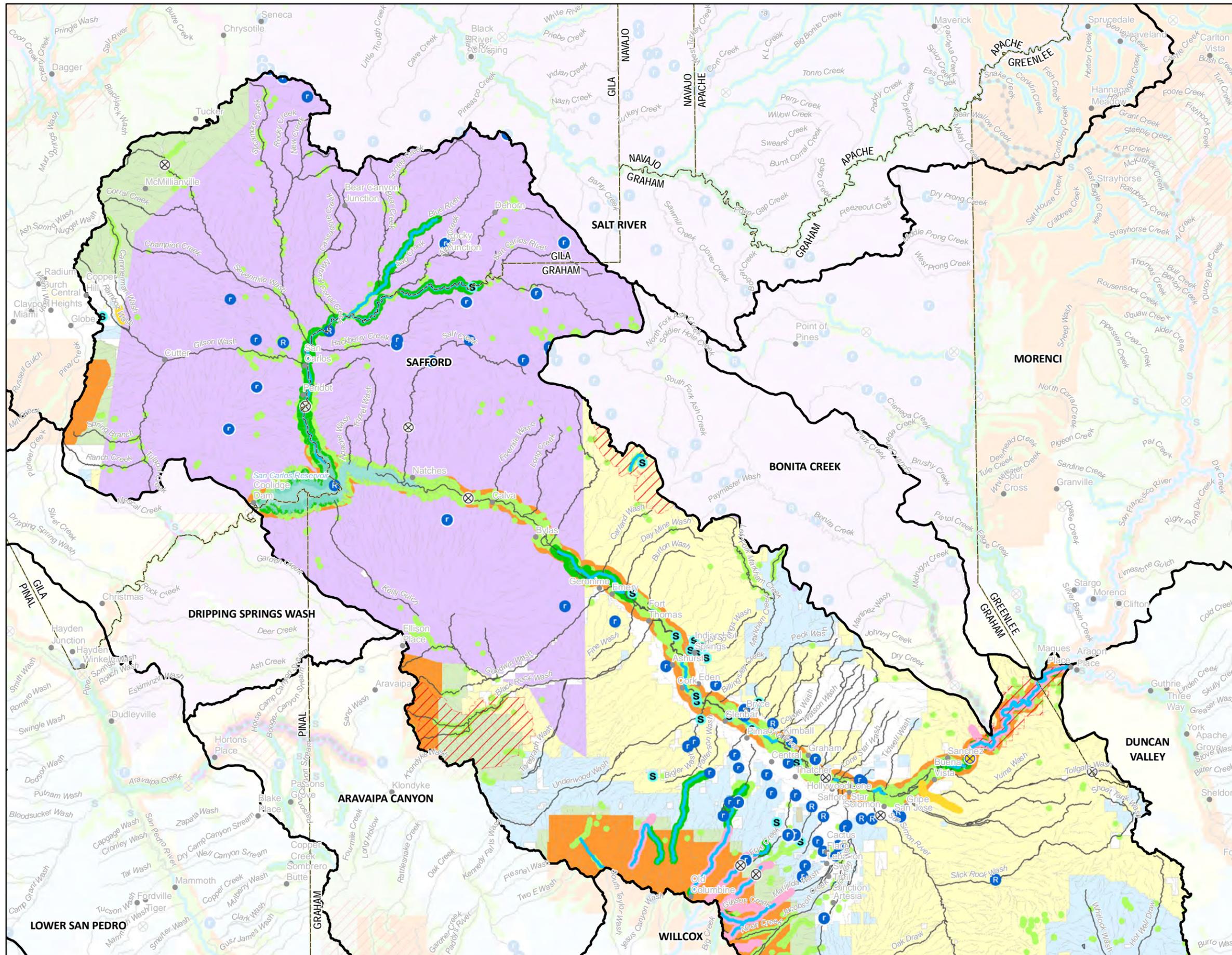
TIGER-BUTLER-MCMULLEN-RANEGRAS-HARQ.



- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

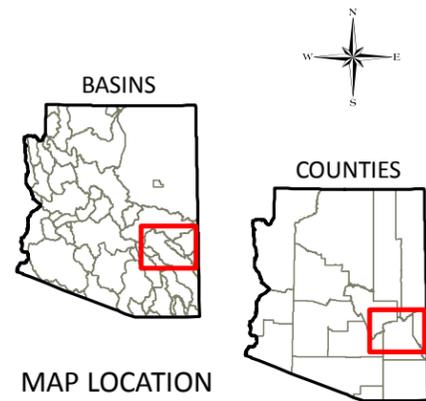
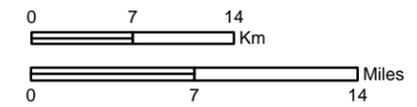


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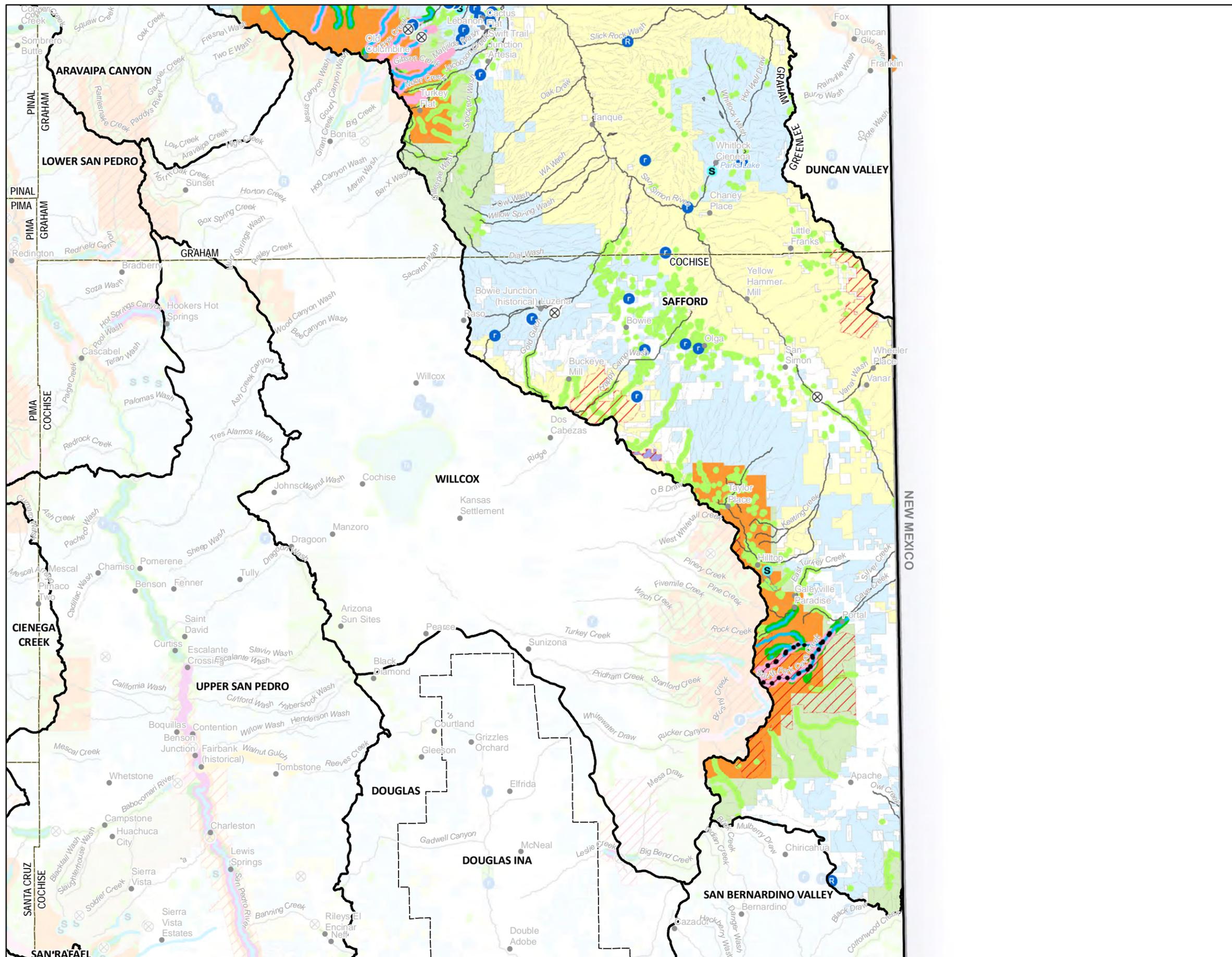


SAFFORD NORTH GROUNDWATER BASIN

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir or Lake (NHD)
- ⊙ Major Spring (ADWR, Pima County)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

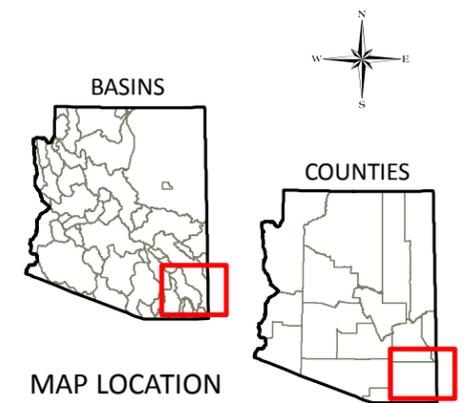
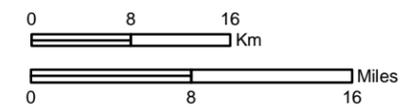


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SAFFORD SOUTH GROUNDWATER BASIN

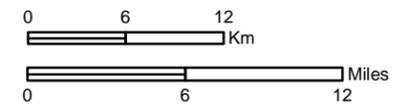
- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Ⓡ Small Reservoir (ADWR)
- Ⓡ Large Reservoir (ADWR)
- ☪ Reservoir or Lake (NHD)
- Ⓢ Major Spring (ADWR, Pima County)
- ⊗ Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- ▬ Perennial Flow (ADEQ, USGS)
- ▬ River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- ▬ Effluent Dependent Stream (ADWR, NEMO)
- ▬ Instream Flow Certificate (ADWR)
- ▬ Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
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- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



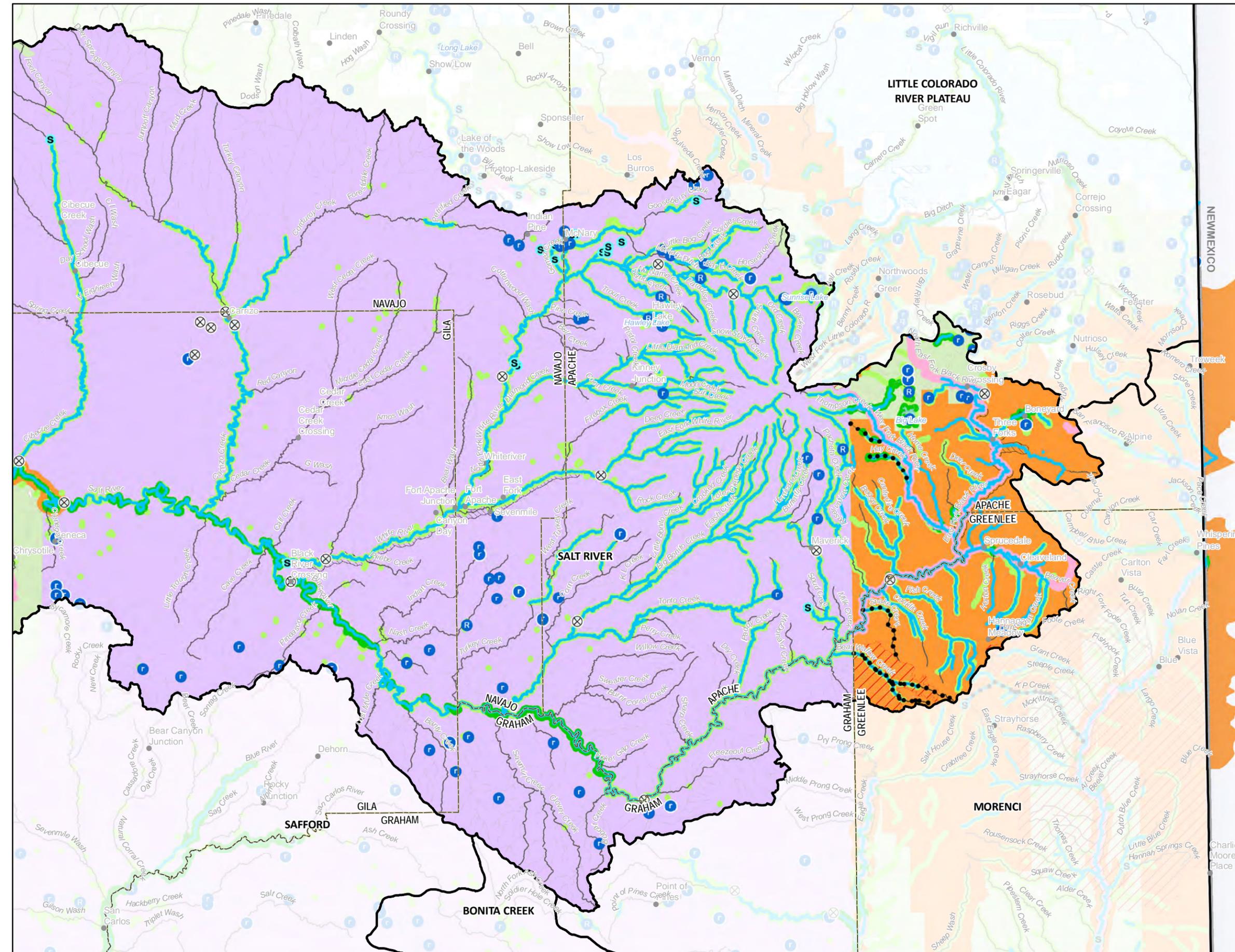
NOTE: Because GIS data for this project were acquired from multiple sources employing different land base grids and varying accuracy standards, some inconsistencies were encountered. The user is responsible for understanding the accuracy limitations of GIS data layers and is responsible for the results of any application of the data for other than their intended purpose.

SALT RIVER EAST GROUNDWATER BASIN

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- ⊗ Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

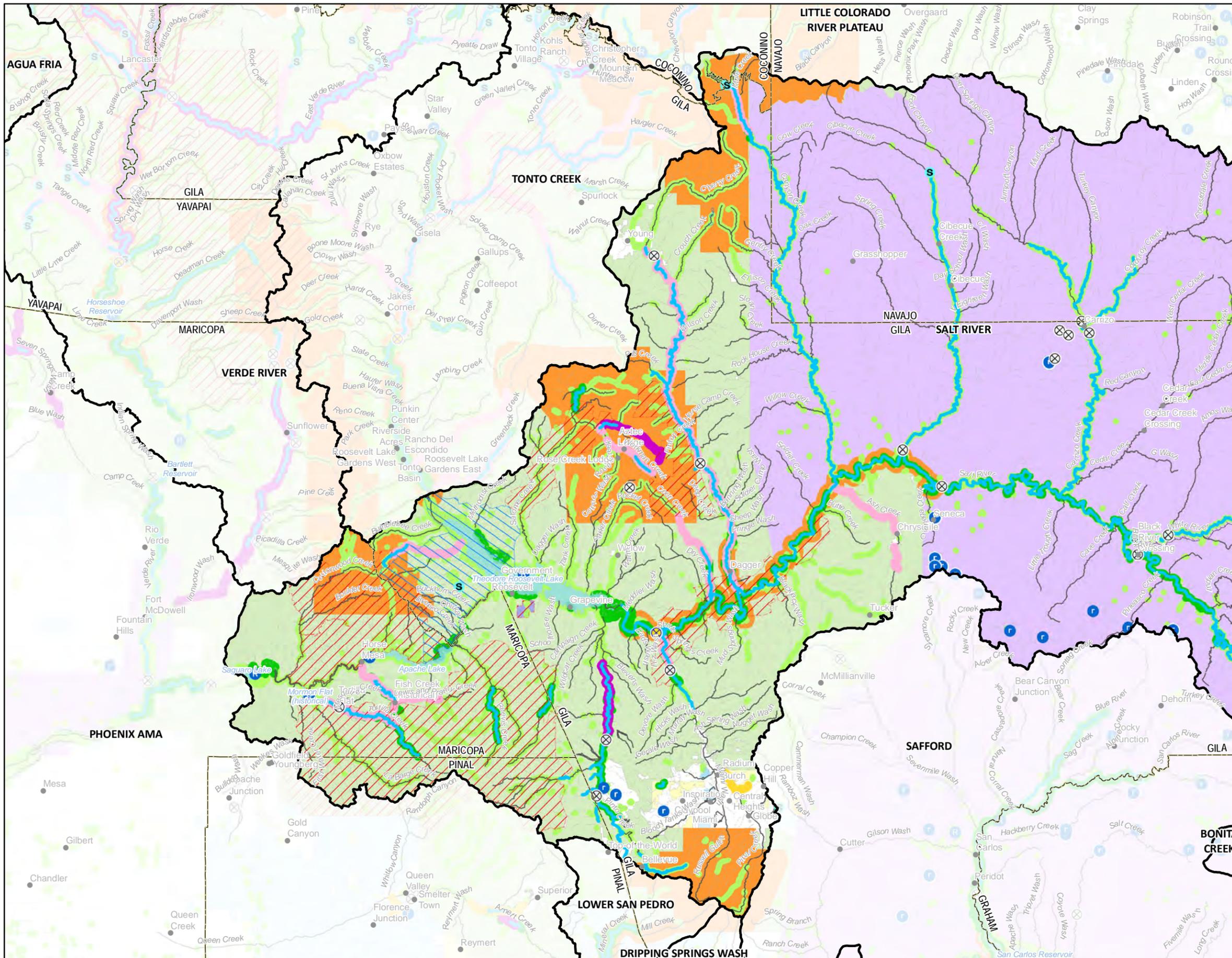


MAP LOCATION

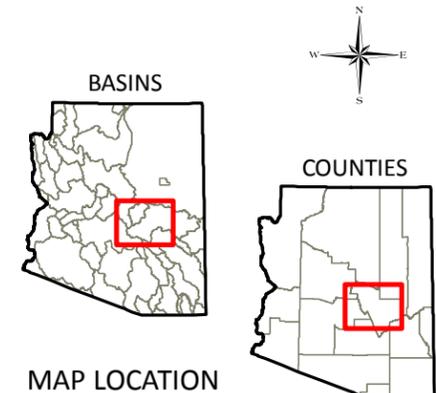
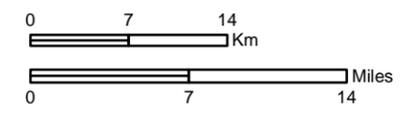


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SALT RIVER WEST GROUNDWATER BASIN

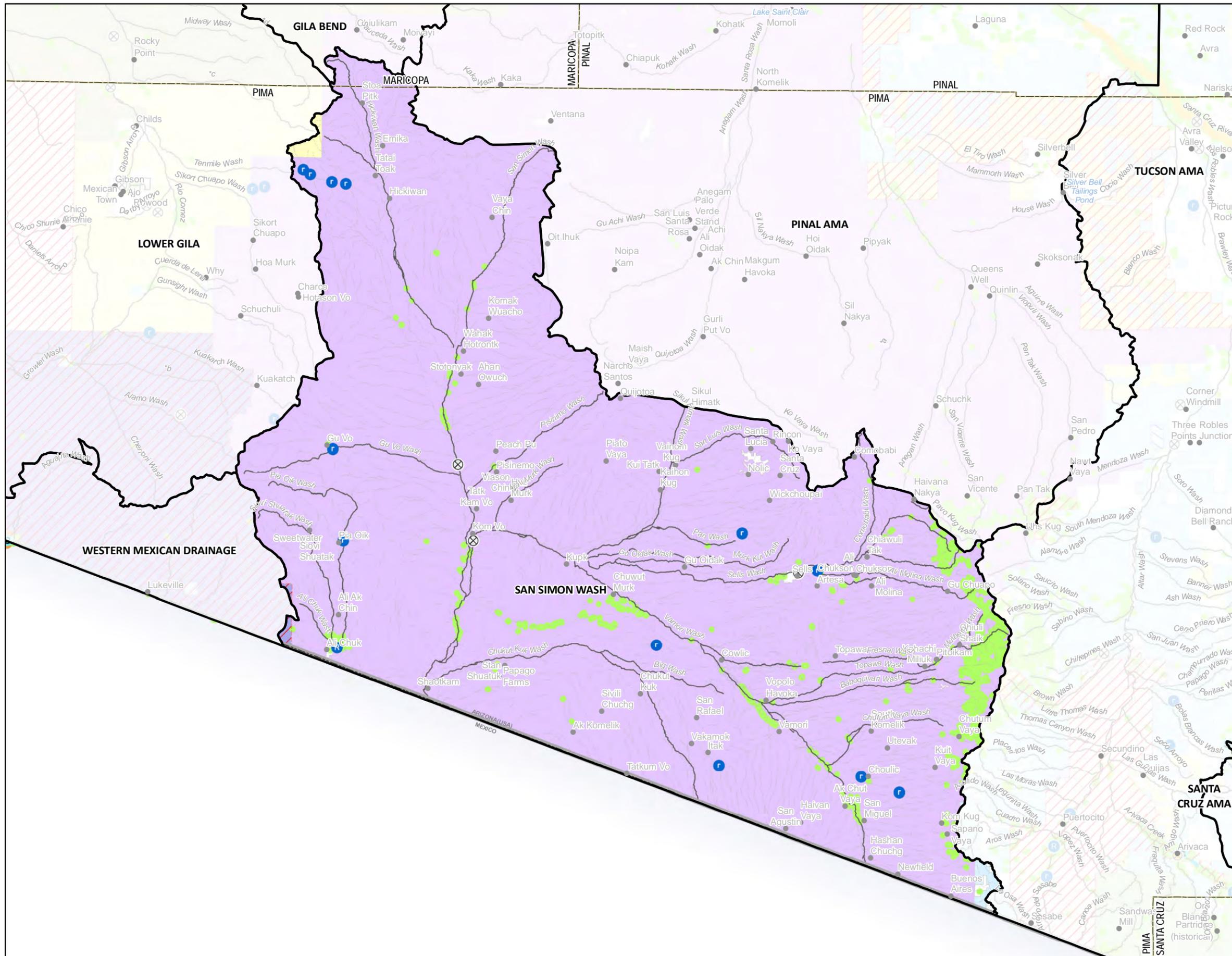


- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

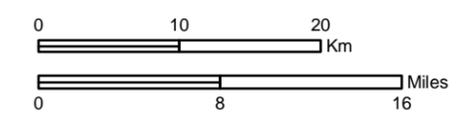


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SAN SIMON WASH GROUNDWATER BASIN

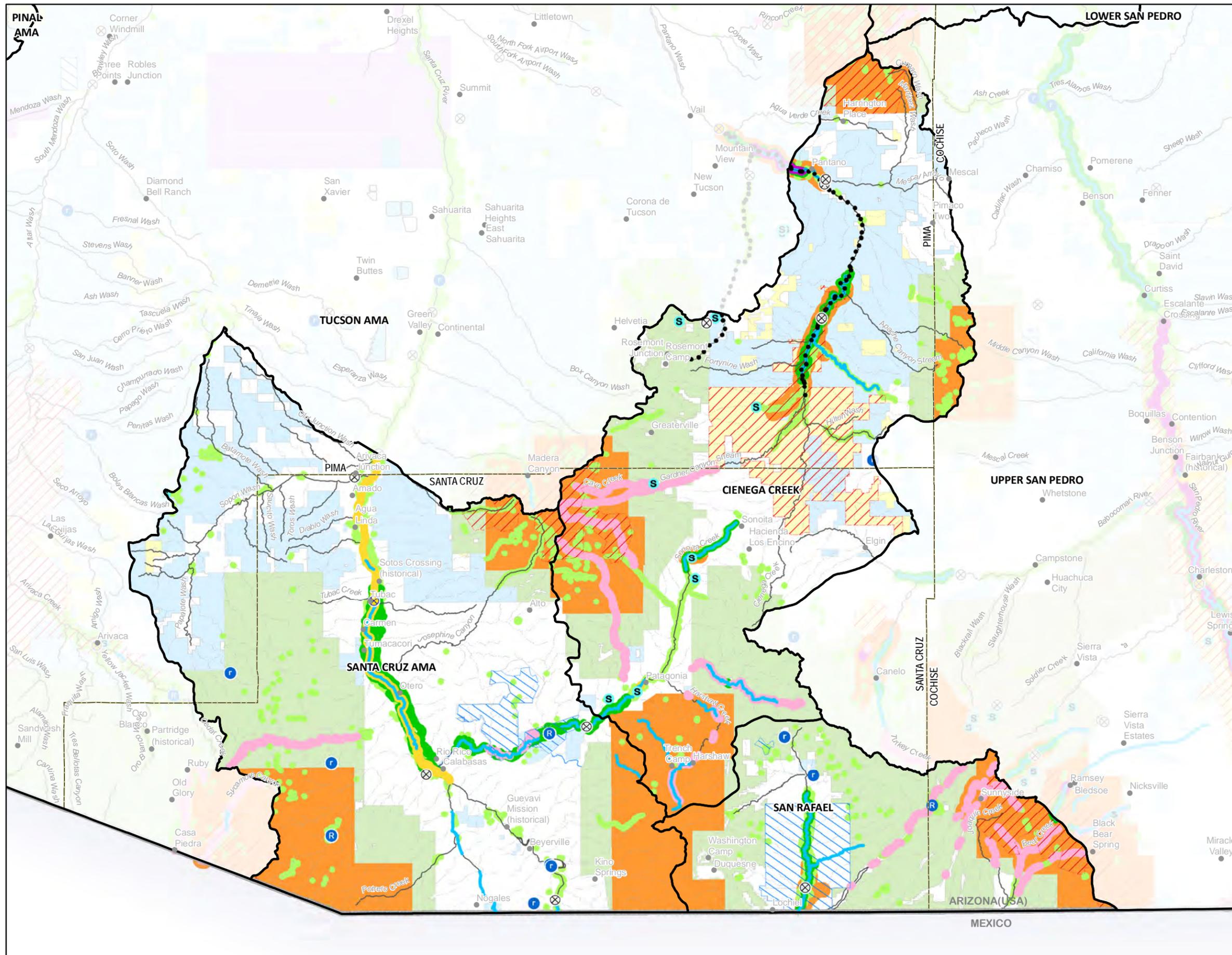


- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
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- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



MAP LOCATION

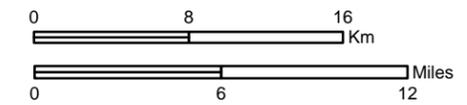
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SANTA CRUZ GROUPING

SANTA CRUZ- SAN RAFAEL- CIENEGA

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir or Lake (NHD)
- ⊙ Major Spring (ADWR, Pima County)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
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- ▨ Proposed ESA Critical Habitat (USFWS)
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- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



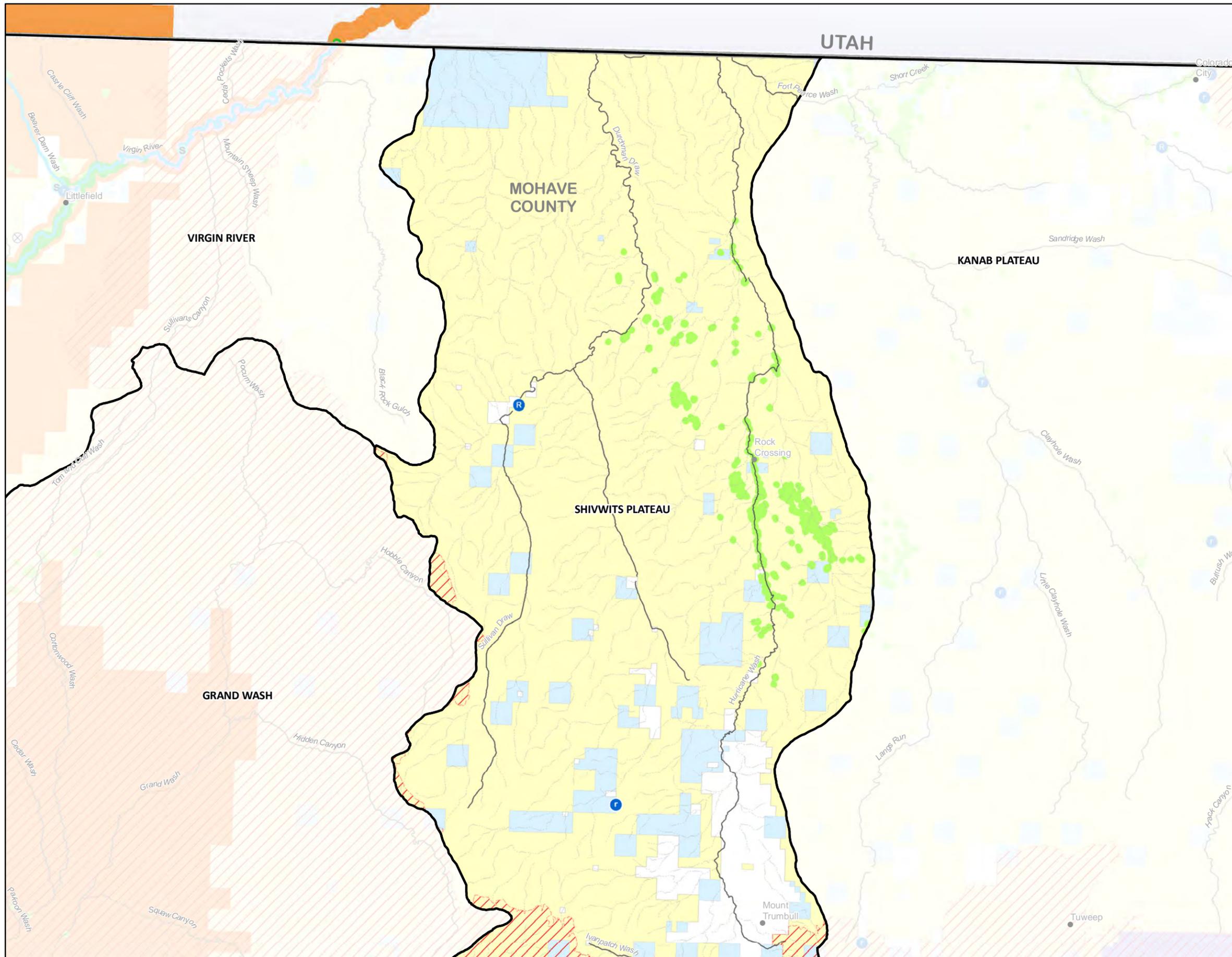
BASINS

COUNTIES

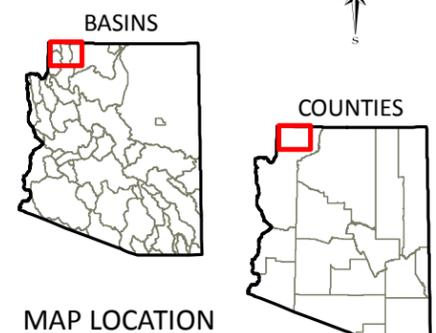
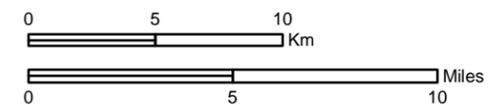
MAP LOCATION

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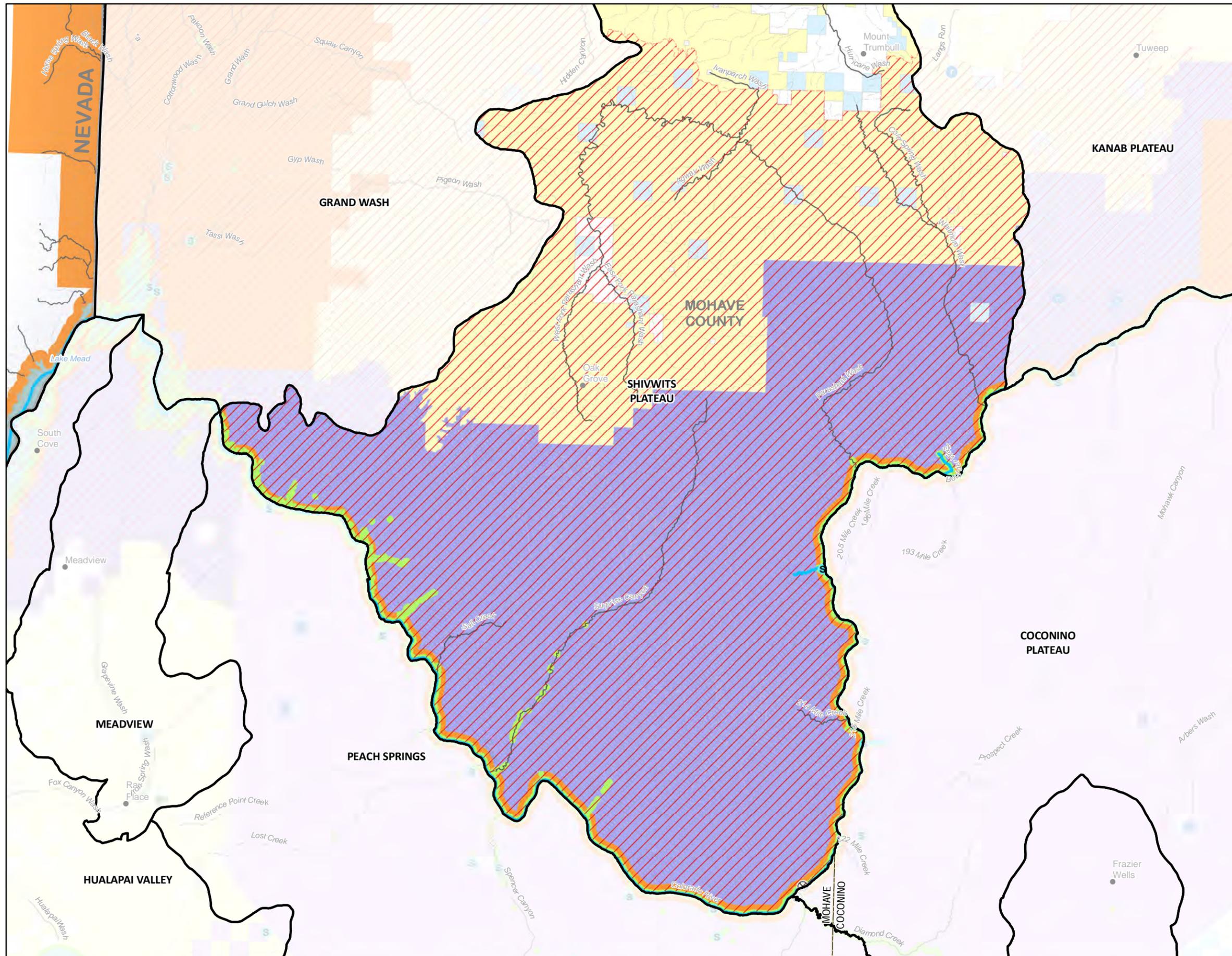
SHIVWITS PLATEAU NORTH GROUNDWATER BASIN



- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
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- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

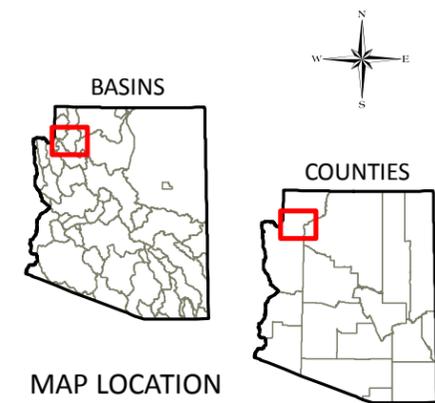
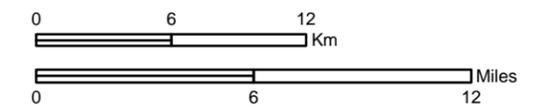


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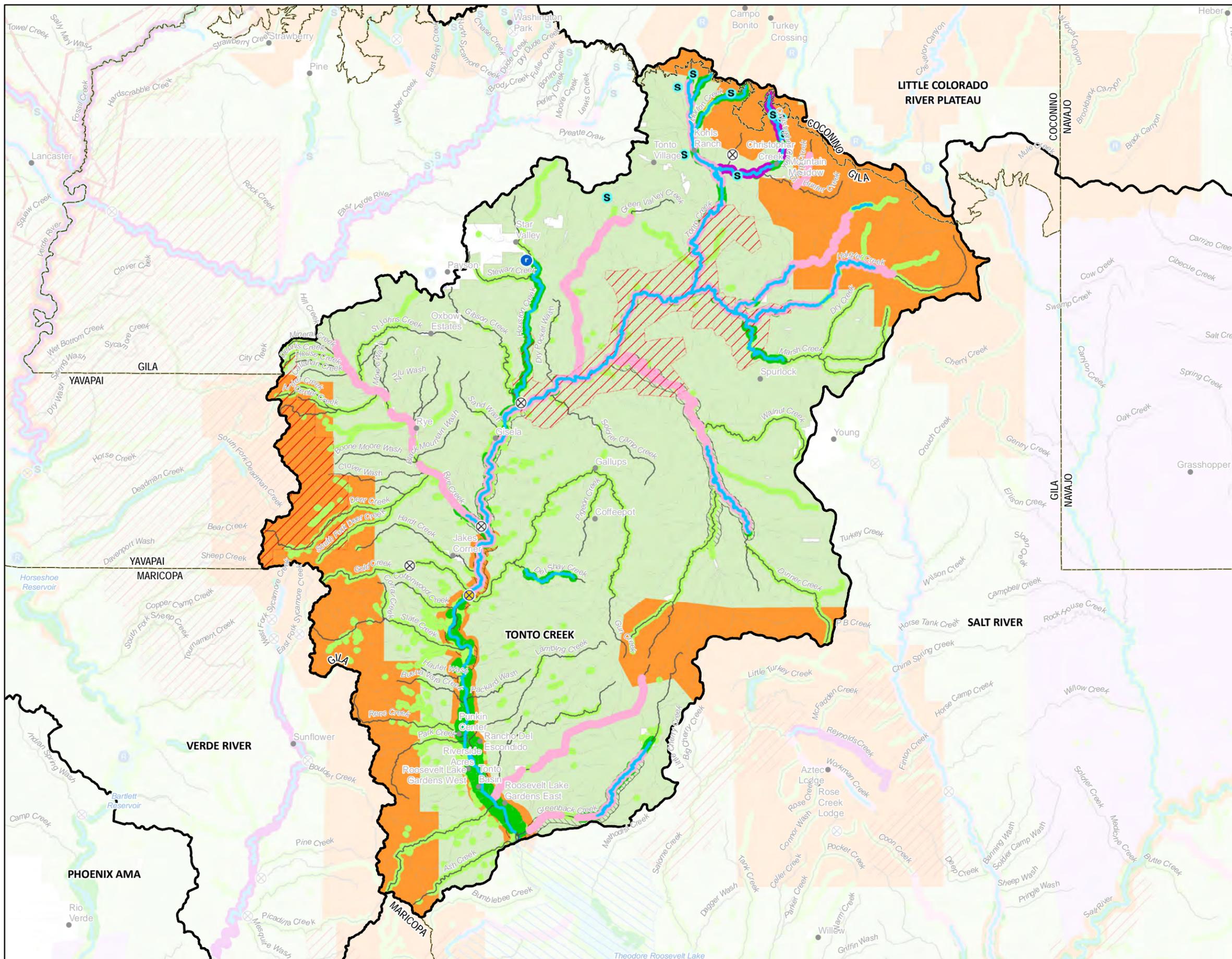
SHIWITS PLATEAU SOUTH GROUNDWATER BASIN

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir or Lake (NHD)
- ⊙ Major Spring (ADWR, Pima County)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
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- Instream Flow Application (ADWR)
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- ▨ Proposed ESA Critical Habitat (USFWS)
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- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

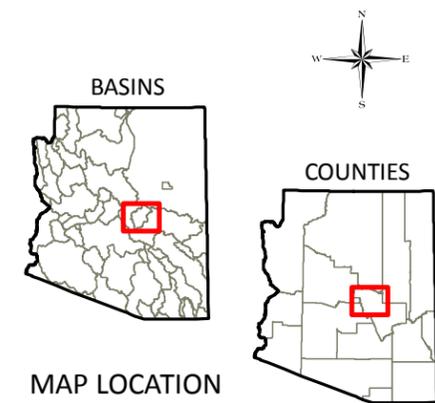
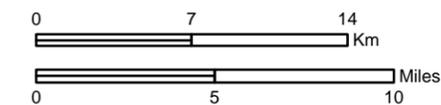


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TONTO CREEK GROUNDWATER BASIN

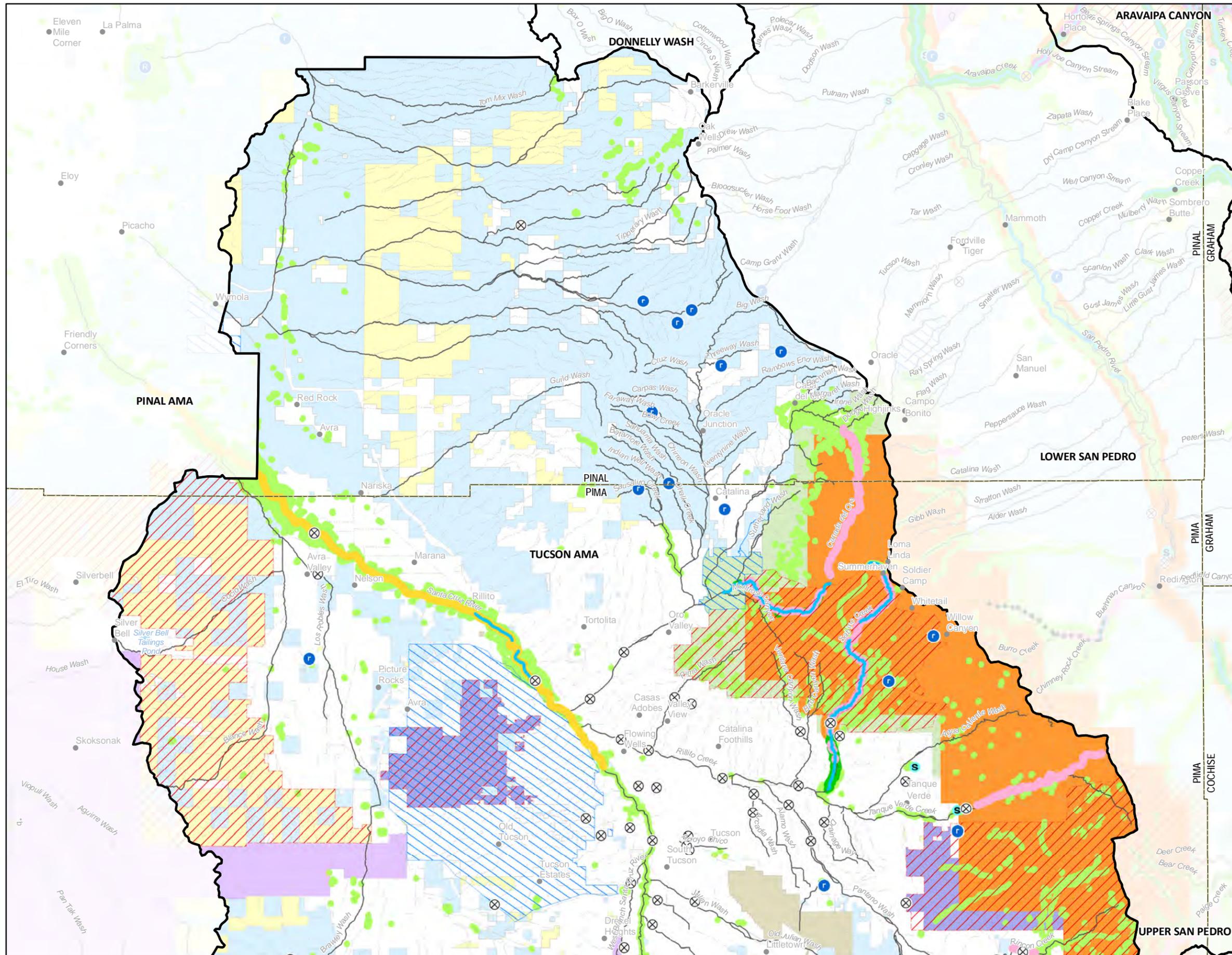


- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
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- ▨ Proposed ESA Critical Habitat (USFWS)
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- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

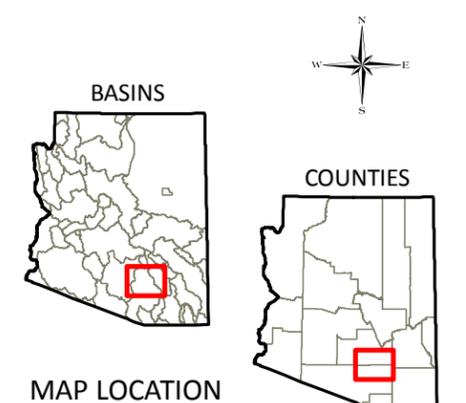
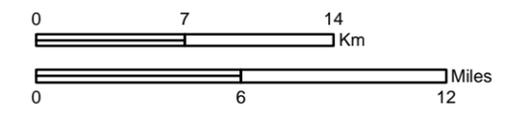


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TUCSON AMA NORTH GROUNDWATER BASIN

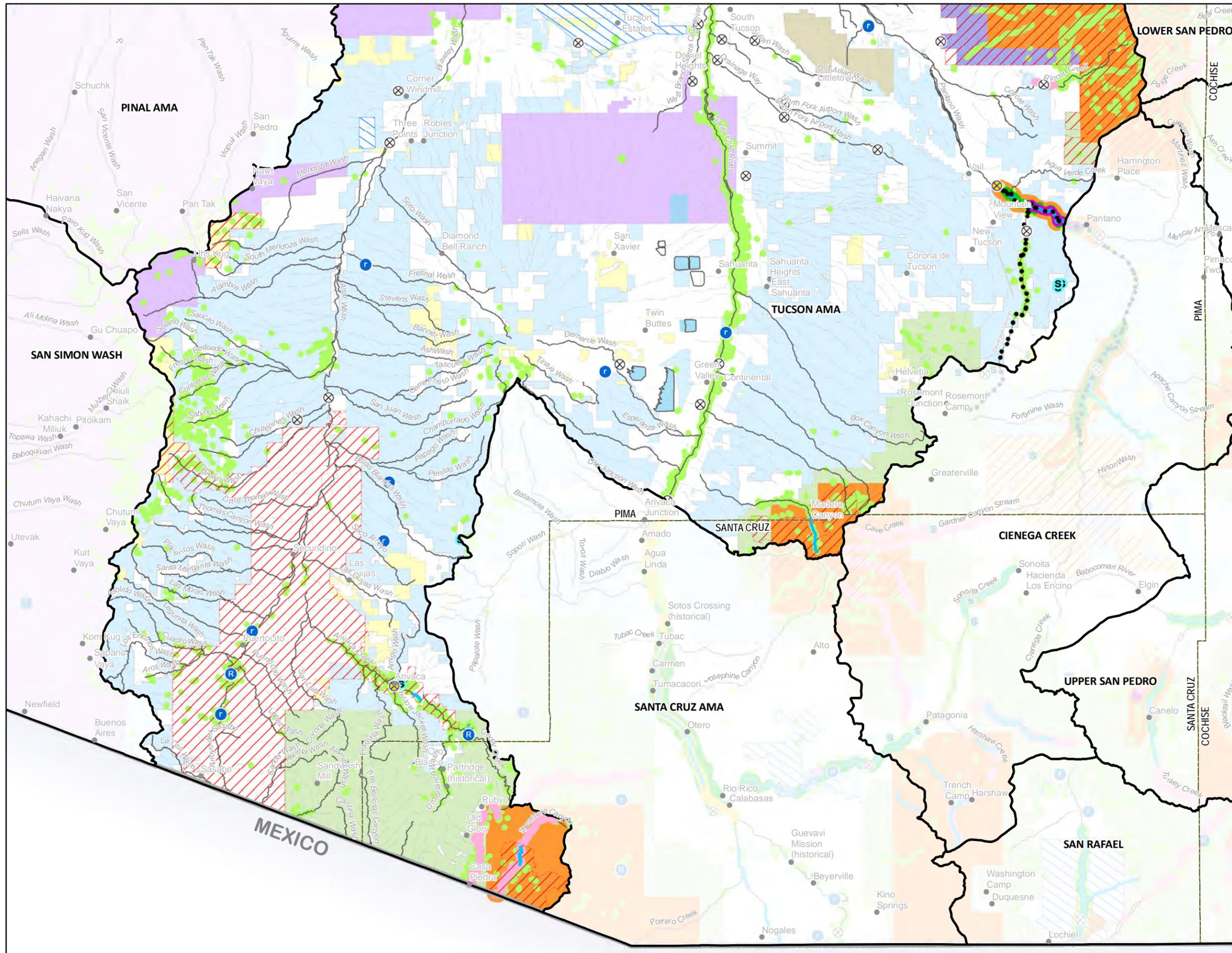


- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir or Lake (NHD)
- ⊙ Major Spring (ADWR, Pima County)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
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- Modeled Riparian Habitat (AZGFD)
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- ▨ Proposed ESA Critical Habitat (USFWS)
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- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

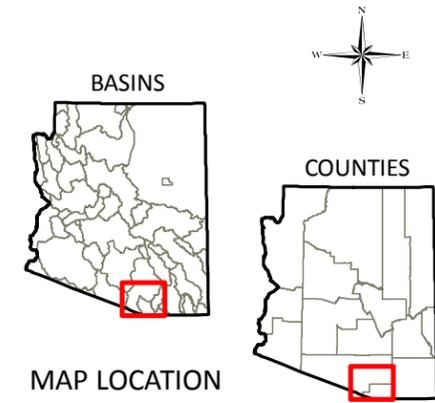
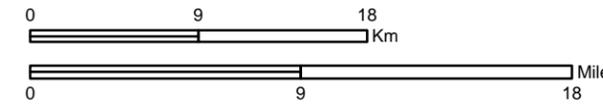


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TUCSON AMA SOUTH GROUNDWATER BASIN



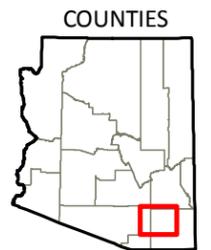
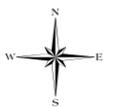
- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir or Lake (NHD)
- ⊙ Major Spring (ADWR, Pima County)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
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- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



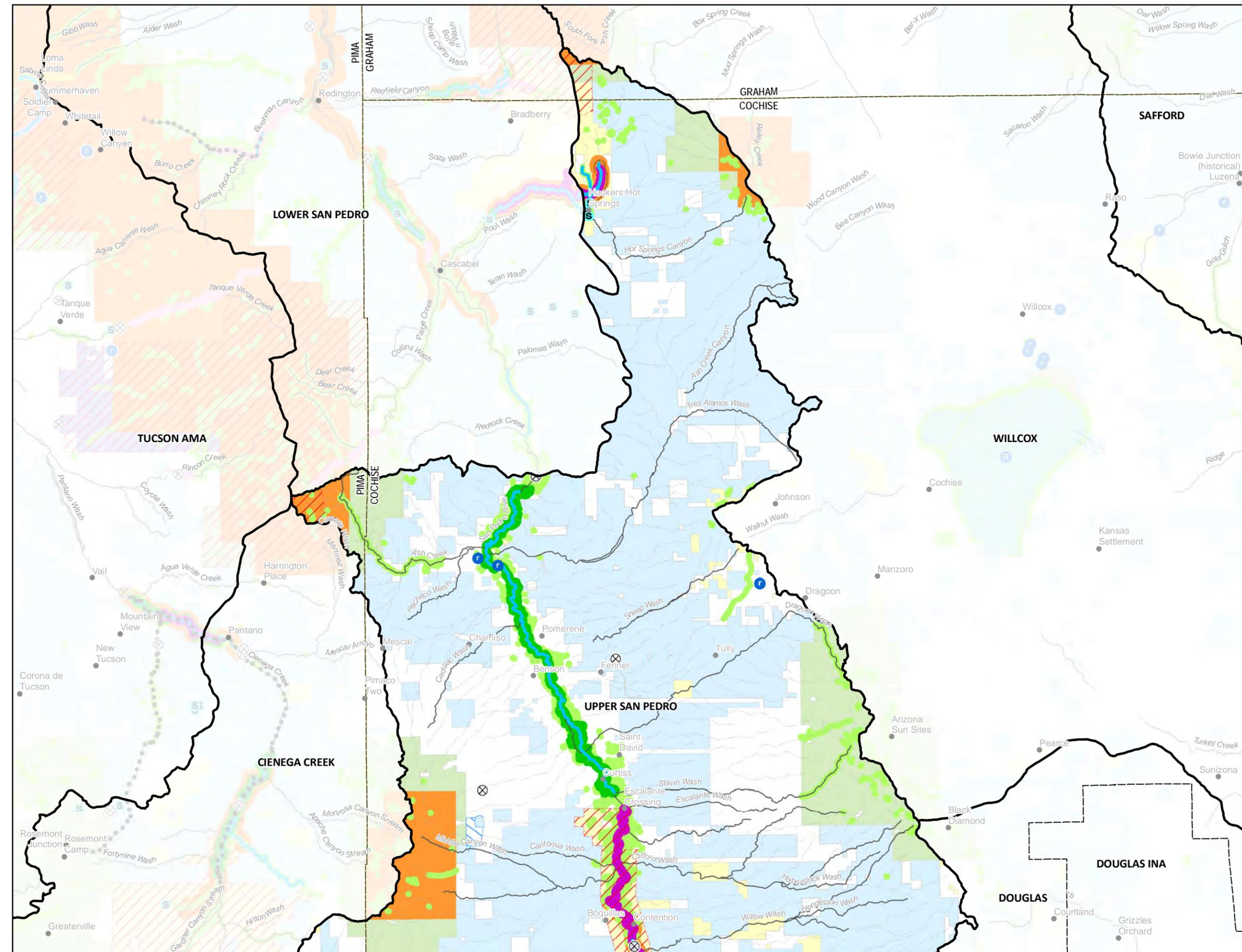
NOTE: Because GIS data for this project were acquired from multiple sources employing different land base grids and varying accuracy standards, some inconsistencies were encountered. The user is responsible for understanding the accuracy limitations of GIS data layers and is responsible for the results of any application of the data for other than their intended purpose.

UPPER SAN PEDRO NORTH GROUNDWATER BASIN

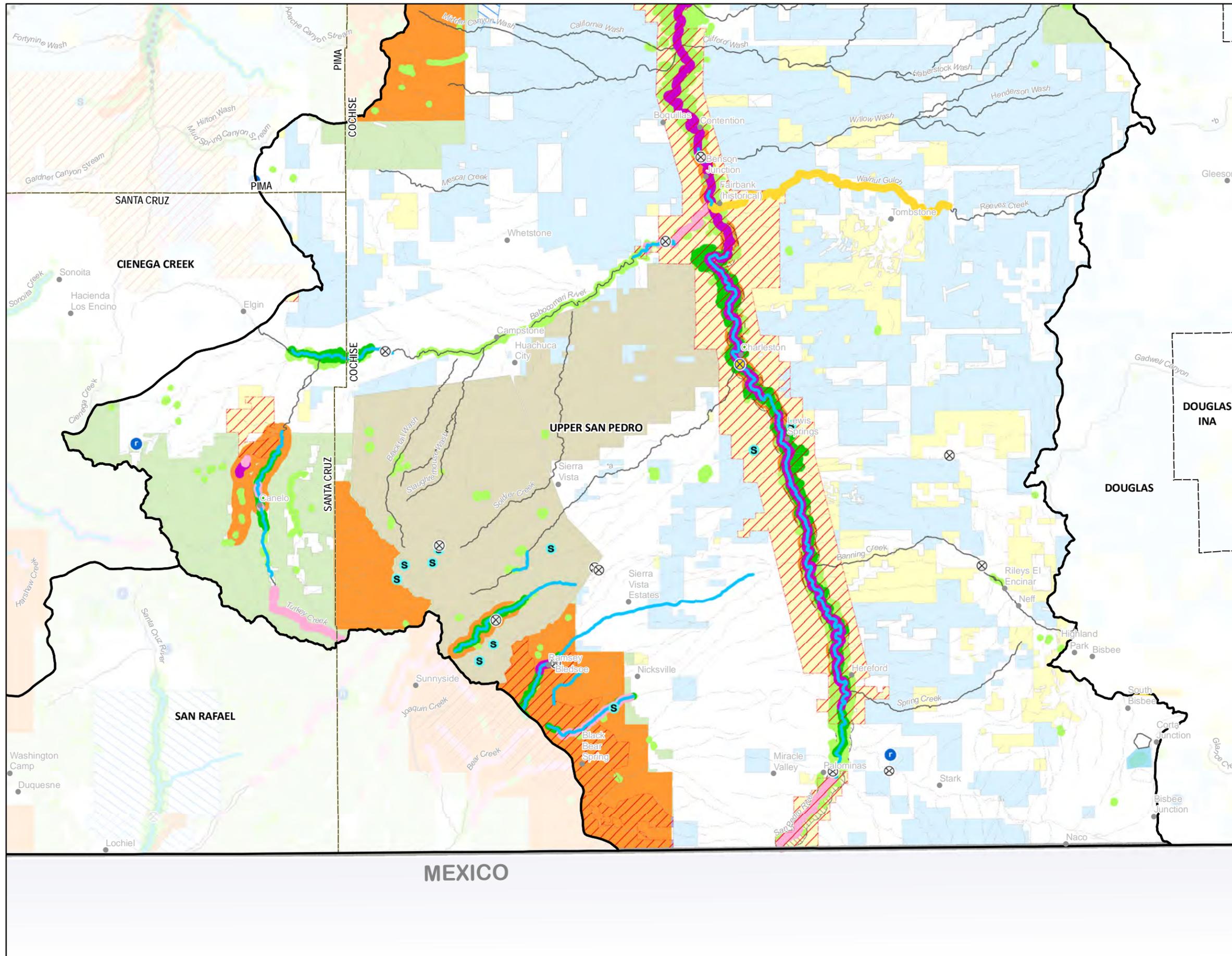
- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
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- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



MAP LOCATION

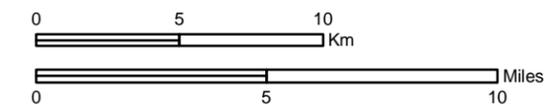


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UPPER SAN PEDRO SOUTH GROUNDWATER BASIN

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
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- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

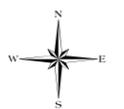
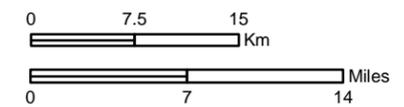


MAP LOCATION

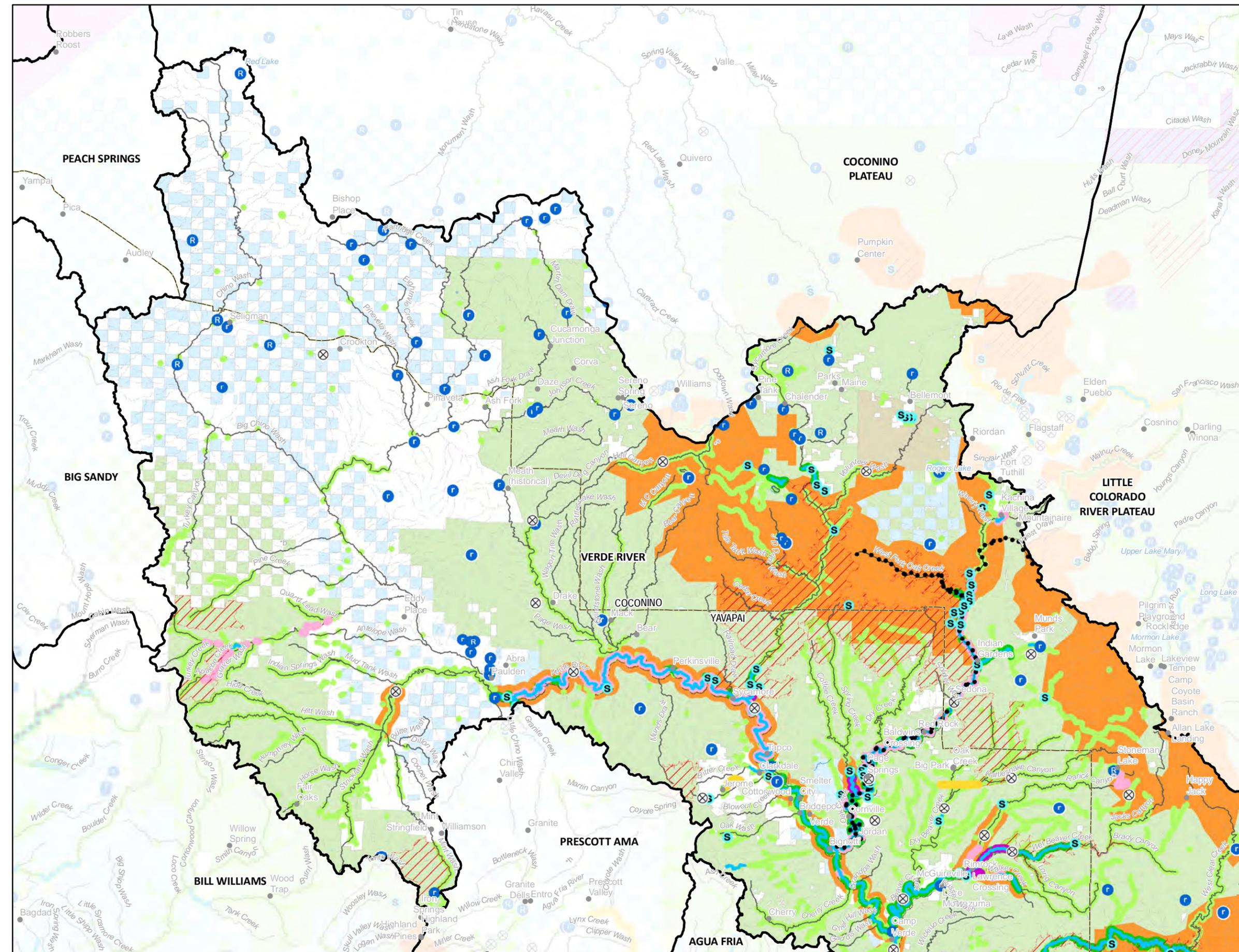
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VERDE RIVER NORTH GROUNDWATER BASIN

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



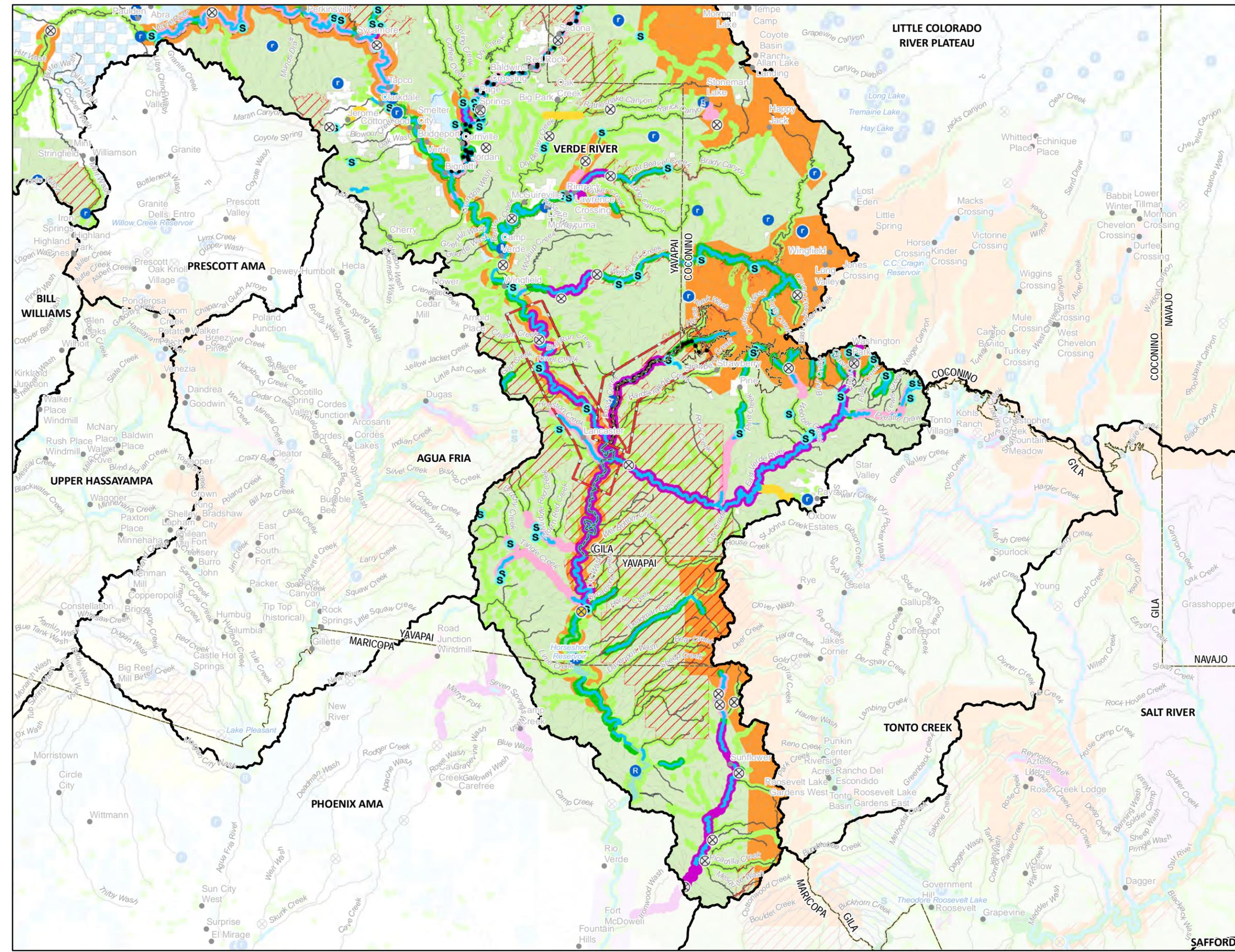
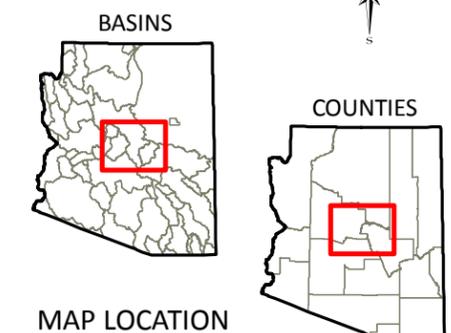
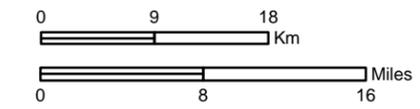
MAP LOCATION



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VERDE RIVER SOUTH GROUNDWATER BASIN

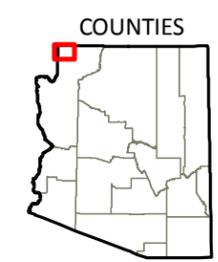
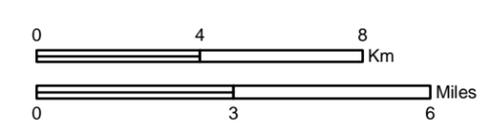
- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▨ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land



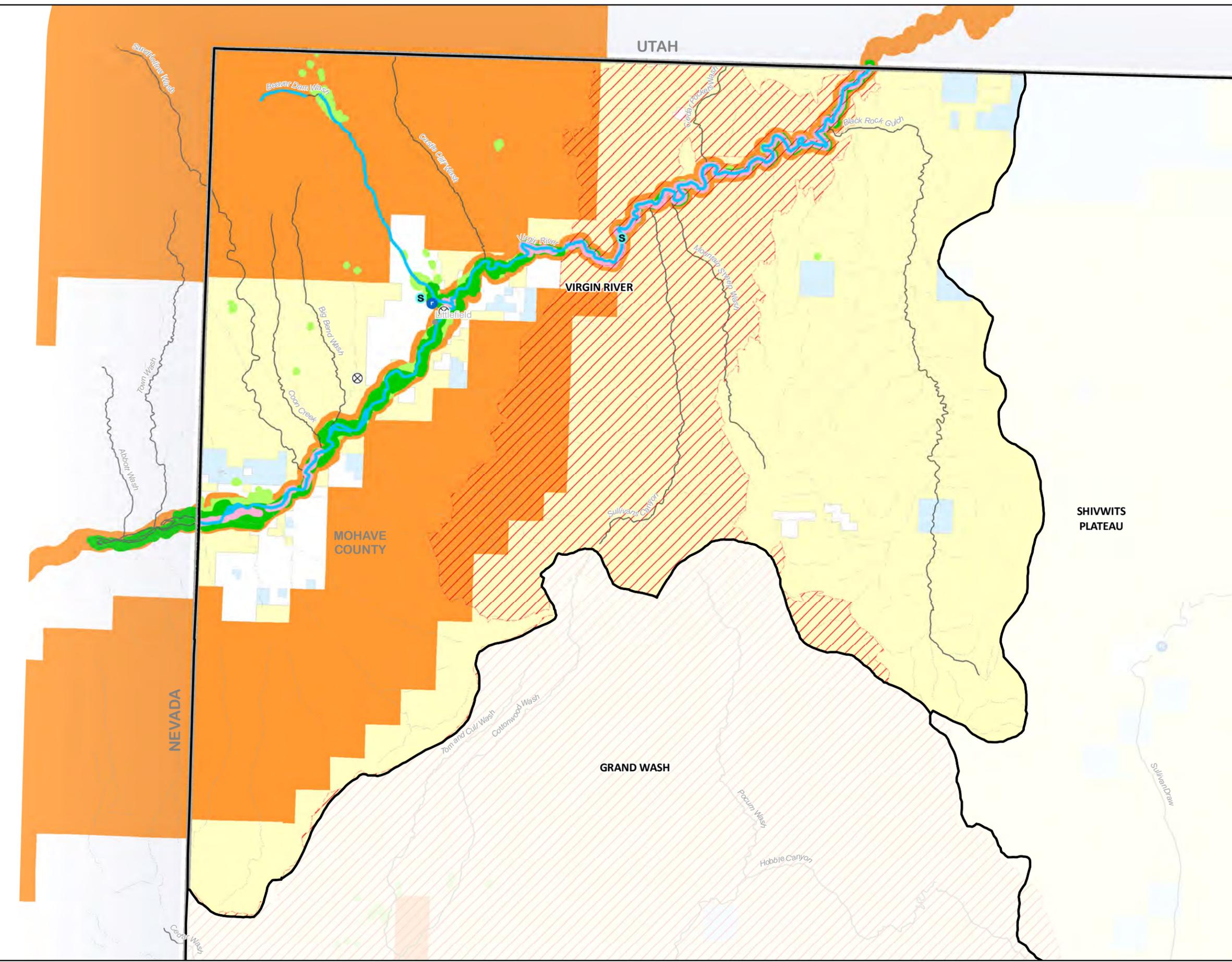
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VIRGIN RIVER GROUNDWATER BASIN

- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- ☪ Reservoir or Lake (NHD)
- Major Spring (ADWR, Pima County)
- ⊗ Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

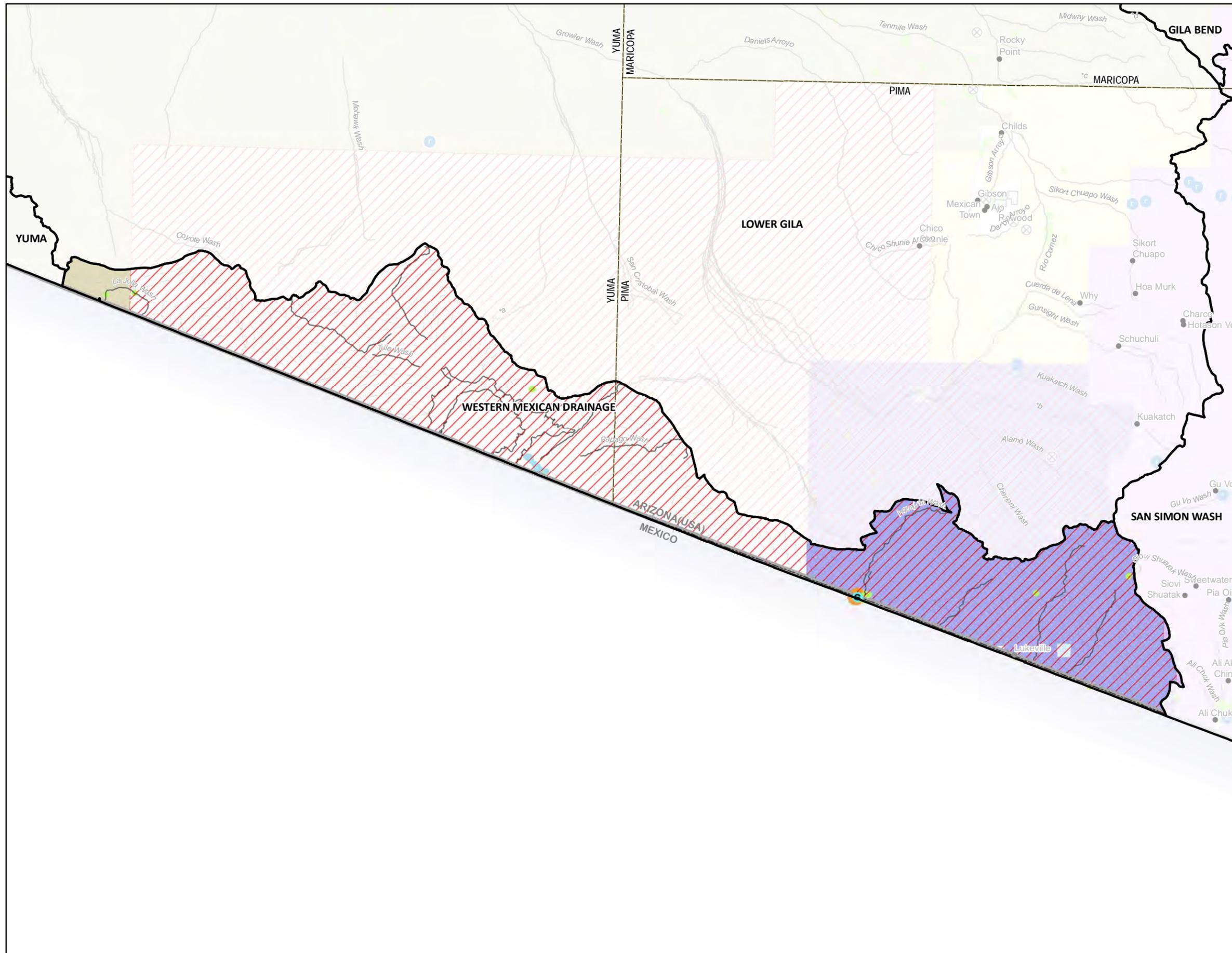


MAP LOCATION

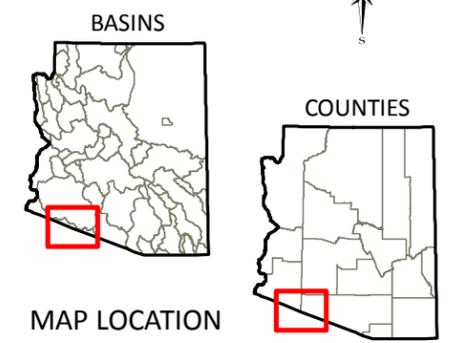
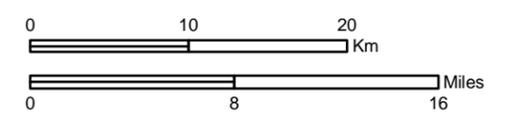


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W. MEXICAN DRAINAGE GROUNDWATER BASIN

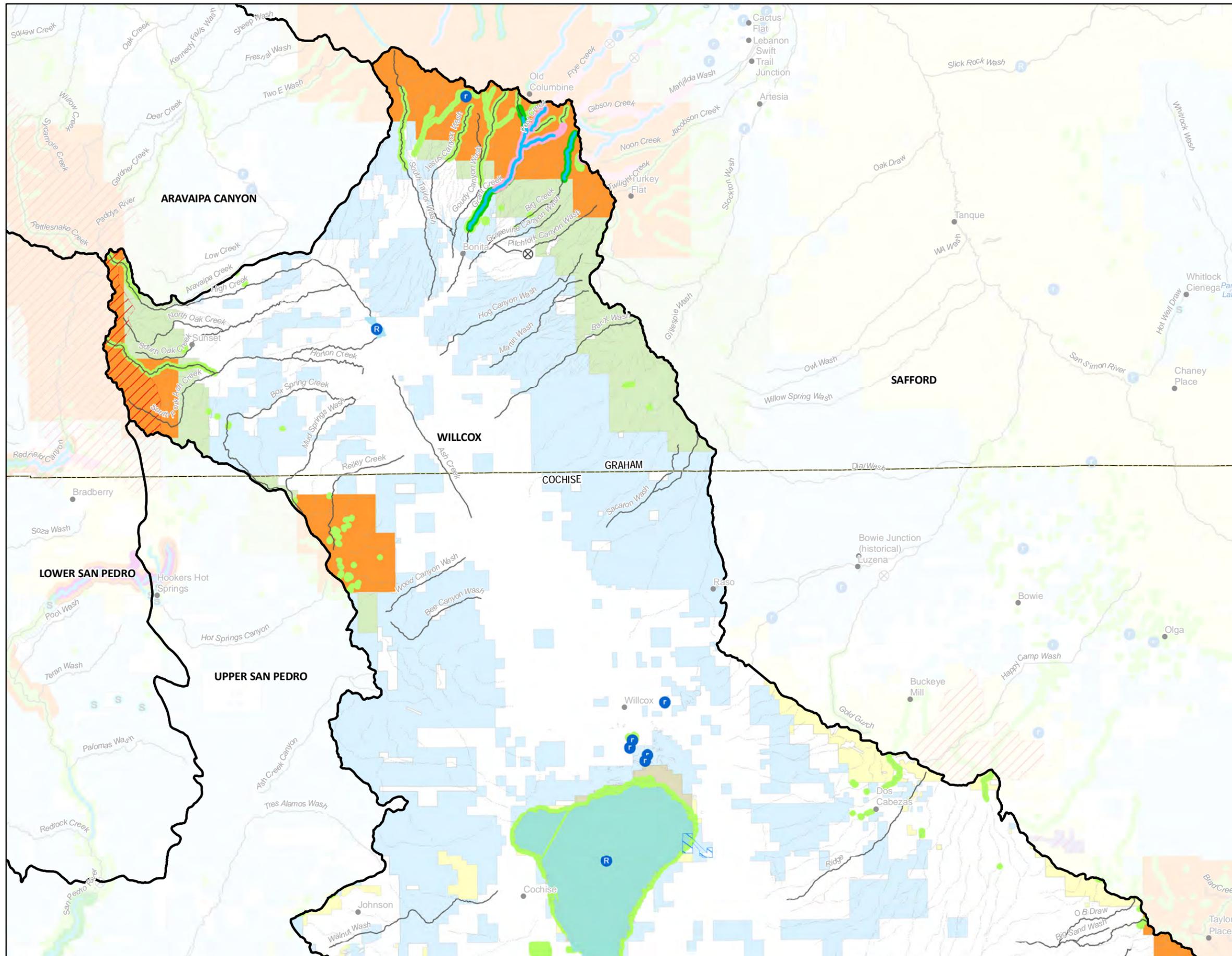


- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ☁ Reservoir or Lake (NHD)
- ⊙ Major Spring (ADWR, Pima County)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- ~ Perennial Flow (ADEQ, USGS)
- ~ River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- ▭ Effluent Dependent Stream (ADWR, NEMO)
- ▭ Instream Flow Certificate (ADWR)
- ▭ Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- ▭ Designated ESA Critical Habitat (USFWS)
- ▭ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▭ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- ▭ BLM Land
- ▭ National Forest
- ▭ National Park
- ▭ Military Reserve
- ▭ Private and Other Land
- ▭ State Trust Land
- ▭ Tribal Land

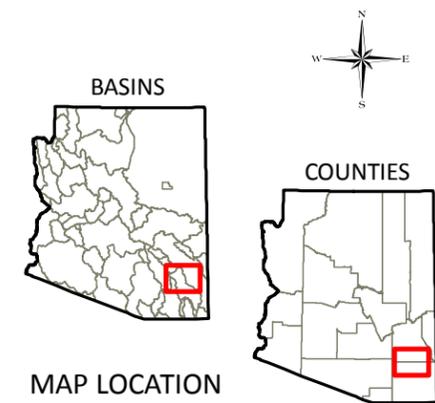


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WILLCOX NORTH GROUNDWATER BASIN

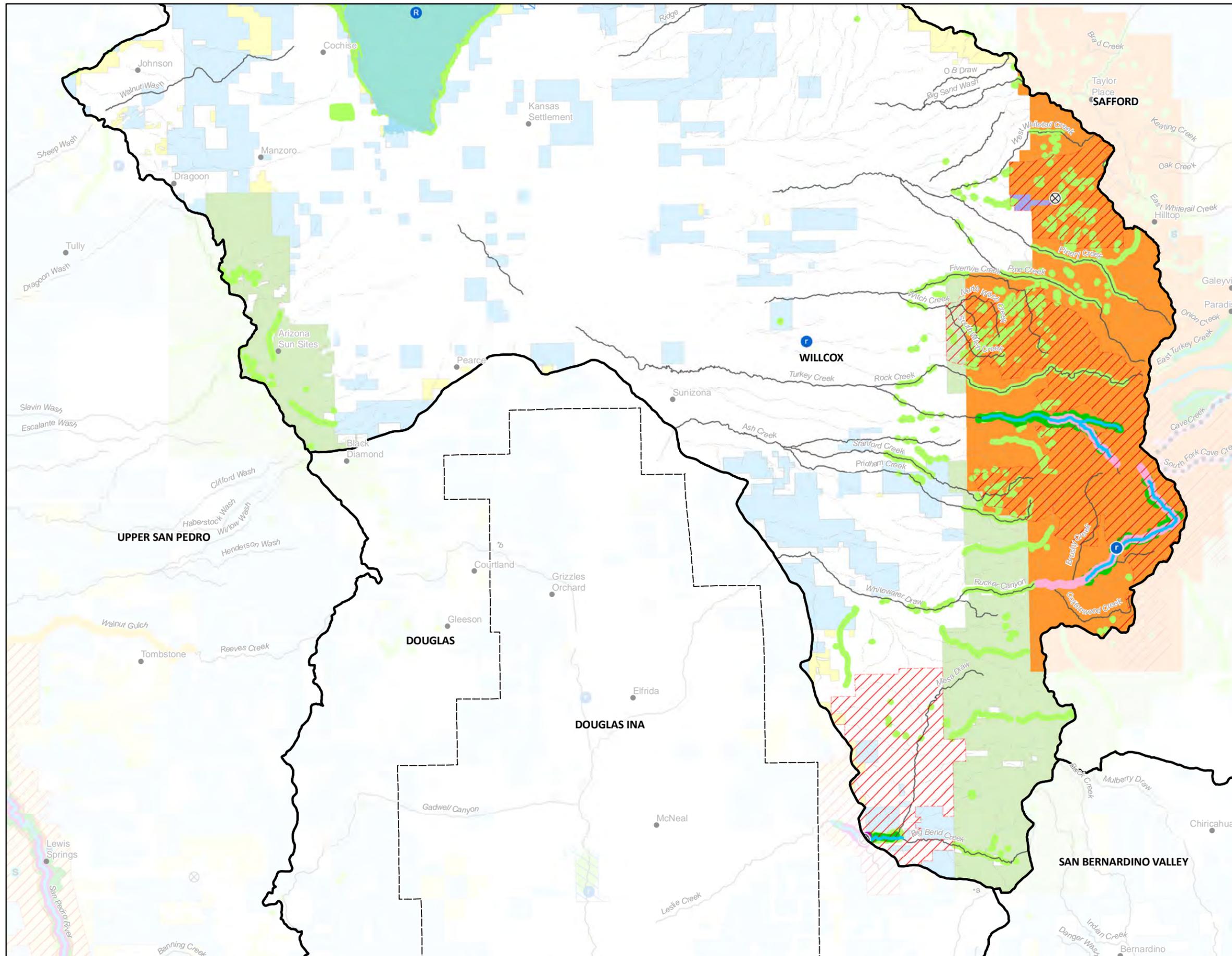


- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir or Lake (NHD)
- ⊙ Major Spring (ADWR, Pima County)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

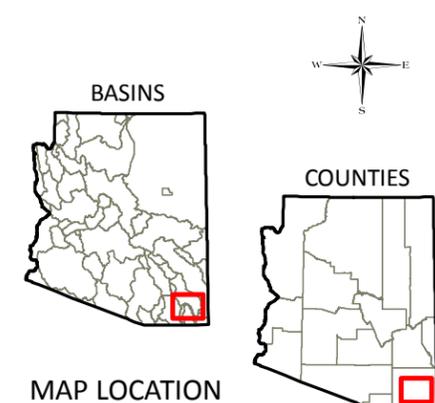
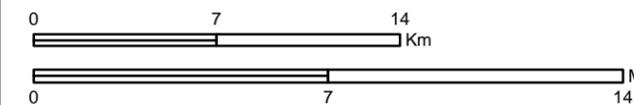


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WILCOX SOUTH GROUNDWATER BASIN

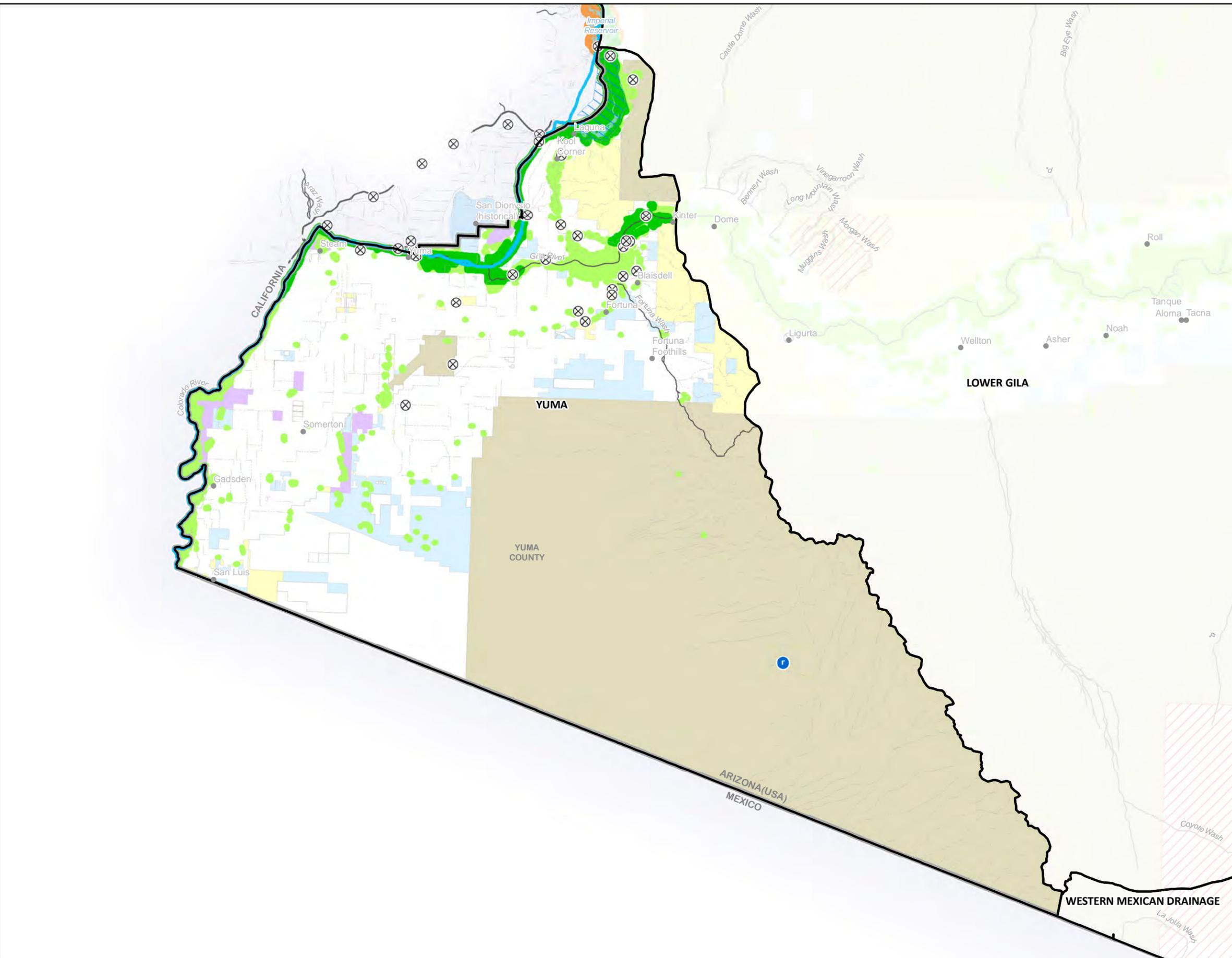


- Town (GNIS)
- ▭ County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir or Lake (NHD)
- ⊙ Major Spring (ADWR, Pima County)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)
- ▨ Federally Designated Wild and Scenic River (USFS)
- ▨ Federal Conservation Land (USFS, BLM, NPS)
- ▨ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private and Other Land
- State Trust Land
- Tribal Land

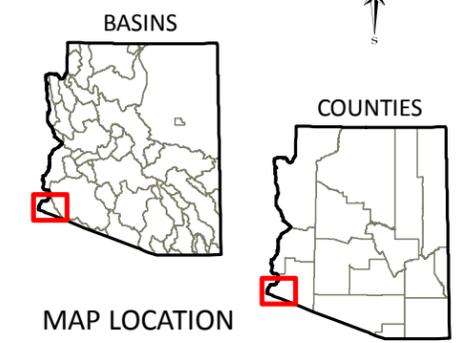
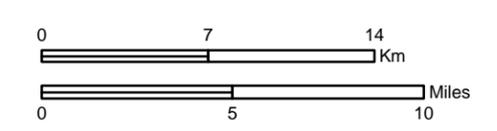


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YUMA GROUNDWATER BASIN

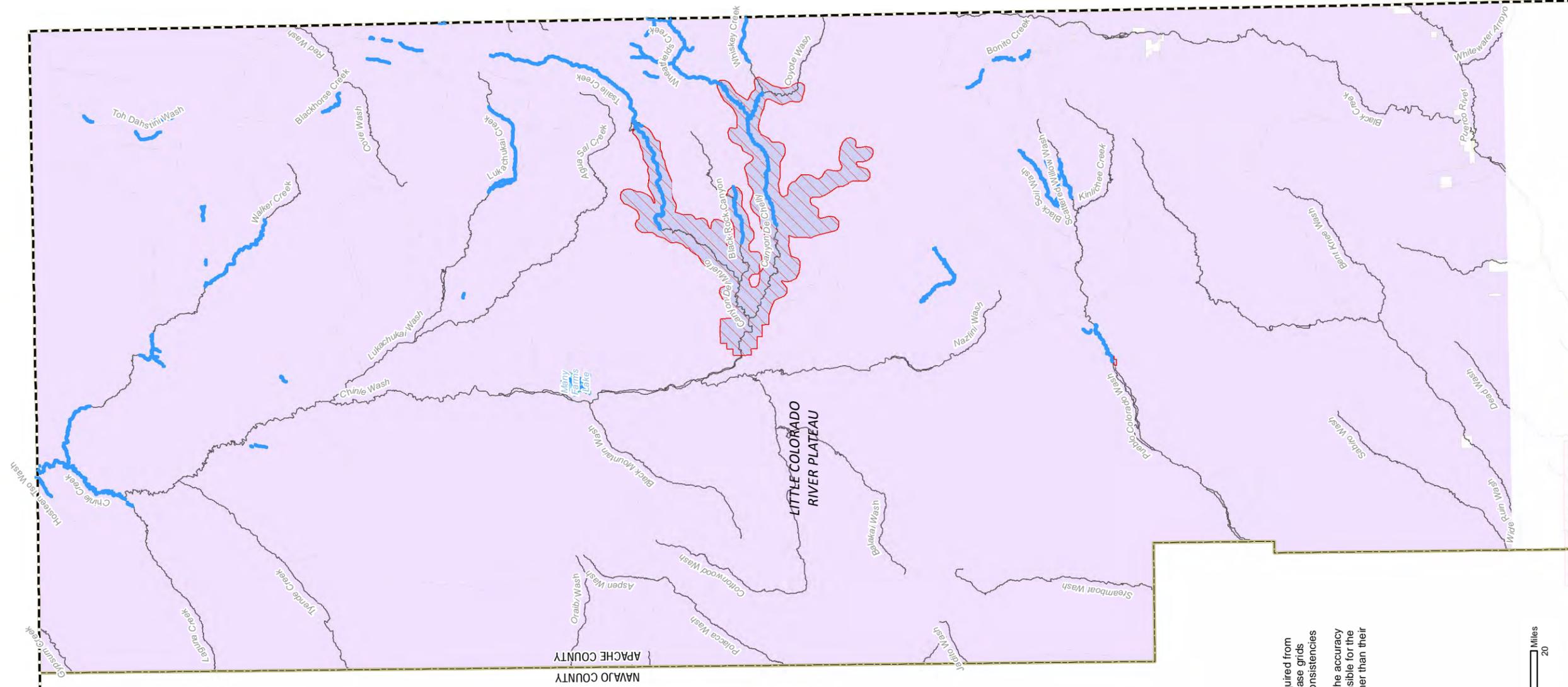


- Town (GNIS)
- County (ALRIS)
- ▭ State (ALRIS)
- ▭ Groundwater Basin (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir or Lake (NHD)
- ⊙ Major Spring (ADWR, Pima County)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- ⊙ Perennial Flow (ADEQ, USGS)
- ⊙ River or Stream (ALRIS)
- ⊙ Outstanding Arizona Water (ADEQ)
- ⊙ Effluent Dependent Stream (ADWR, NEMO)
- ⊙ Instream Flow Certificate (ADWR)
- ⊙ Instream Flow Application (ADWR)
- ⊙ 1993 Riparian Inventory (AZGFD)
- ⊙ Modeled Riparian Habitat (AZGFD)
- ⊙ Designated ESA Critical Habitat (USFWS)
- ⊙ Proposed ESA Critical Habitat (USFWS)
- ⊙ Federally Designated Wild and Scenic River (USFS)
- ⊙ Federal Conservation Land (USFS, BLM, NPS)
- ⊙ State Managed Conservation Land (AZGFD, AZSP)
- ⊙ BLM Land
- ⊙ National Forest
- ⊙ National Park
- ⊙ Military Reserve
- ⊙ Private and Other Land
- ⊙ State Trust Land
- ⊙ Tribal Land

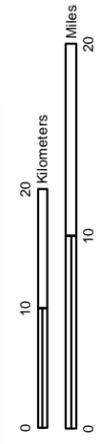


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C-1.1.1N

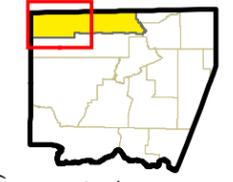


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- Town (GNIS)
- County (ALRIS)
- Groundwater Basin/AMA (ADWR)
- Reservoir, Lake (NHD)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- Federally Designated Wild and Scenic River (USFS)

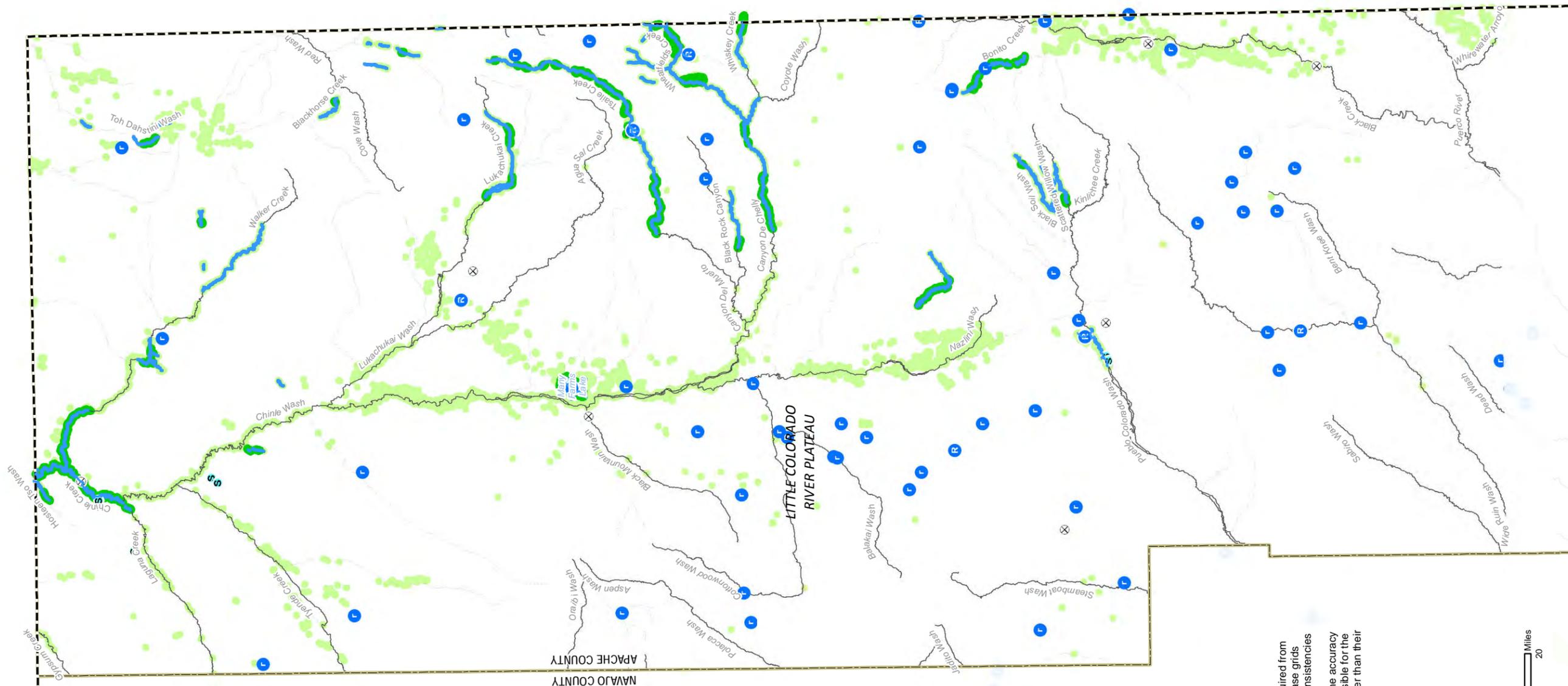
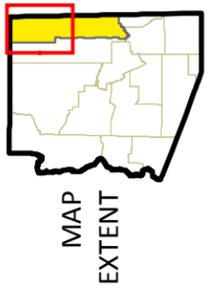
- Federal Conservation Land (USFS, BLM, NPS)
- State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private or Other Land
- State Trust Land
- Tribal Land



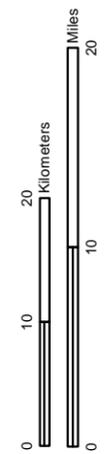
APACHE COUNTY (North Half) Land Tenure

MAP
 EXTENT

APACHE COUNTY (North Half) Natural Resources

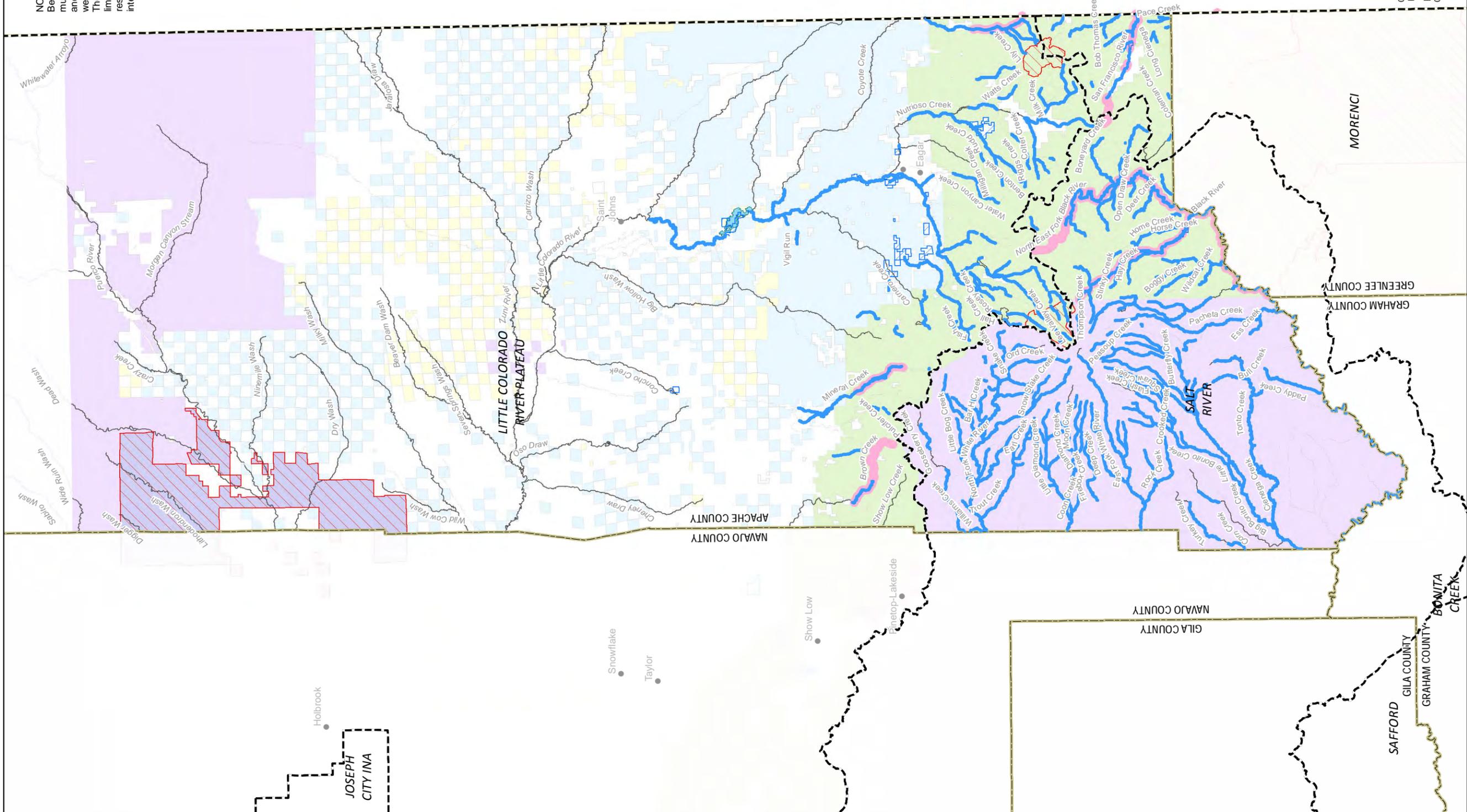
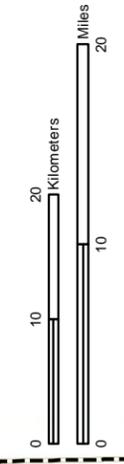


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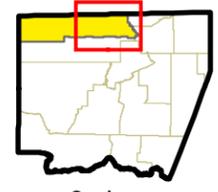


- Town (GNIS)
- County (ALRIS)
- Groundwater Basin/AWA (ADWR)
- Small Reservoir
- Large Reservoir
- Reservoir, Lake (NHD)
- Major Spring (ADWR)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat Area (USFWS)
- Proposed ESA Critical Habitat (USFWS)

NOTE:
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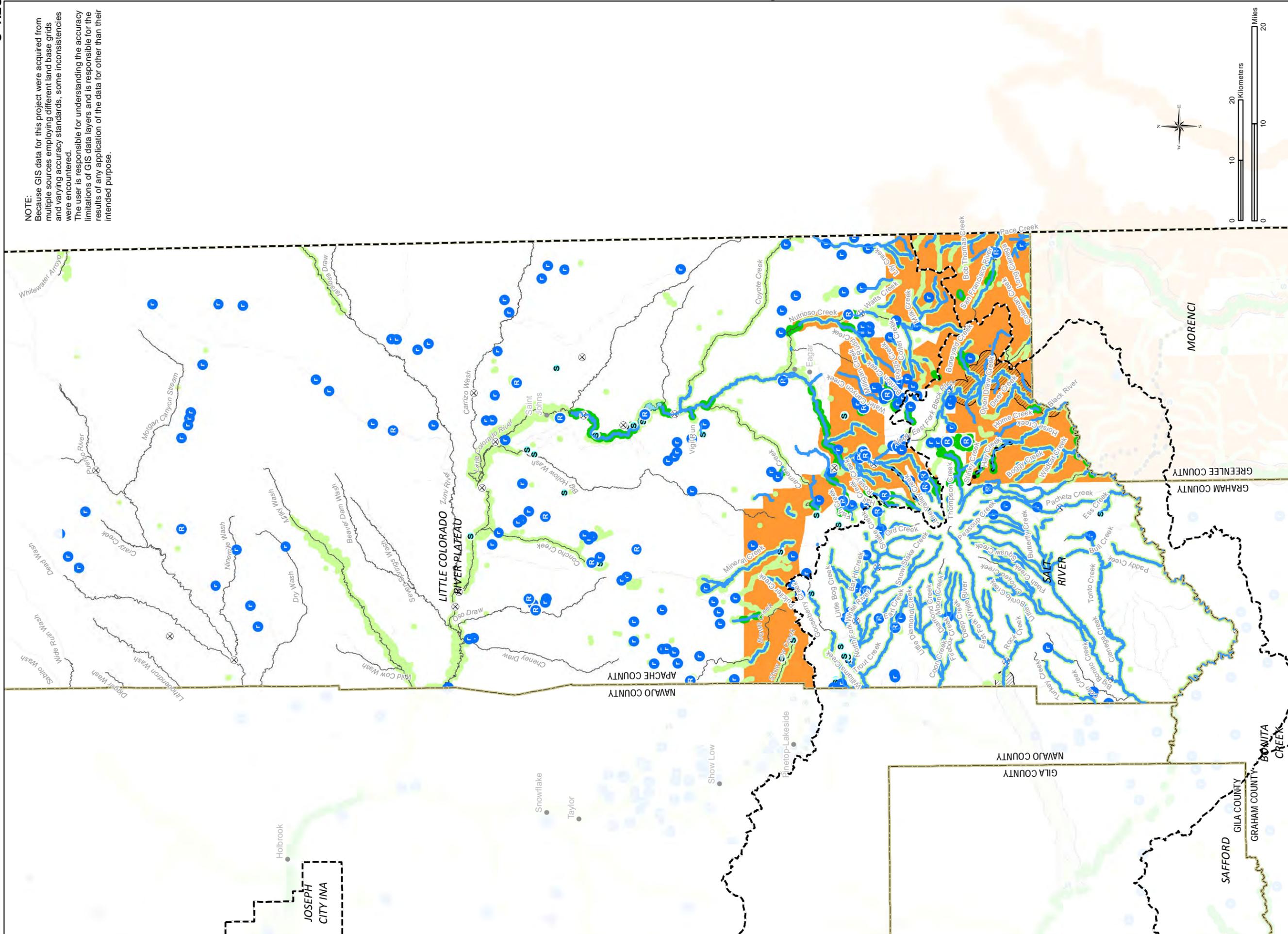
APACHE COUNTY (South Half) Land Tenure



MAP
 EXTENT

- Town (GNIS)
- County (ALRIS)
- Groundwater Basin/AMA (ADWR)
- Reservoir, Lake (NHD)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- Federally Designated Wild and Scenic River (USFS)
- Federal Managed Conservation Land (USFS, BLM, NPS)
- State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private or Other Land
- State Trust Land
- Tribal Land

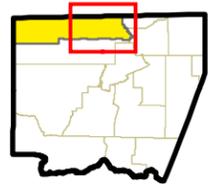
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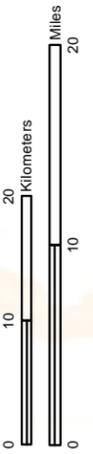
APACHE COUNTY (South Half) Natural Resources

MAP EXTENT

- Town (GNIS)
- County (ALRIS)
- Groundwater Basin/AMA (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir, Lake (NHD)
- Major Spring (ADWR)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat Area (USFWS)
- Proposed ESA Critical Habitat (USFWS)

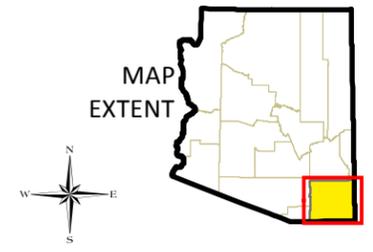
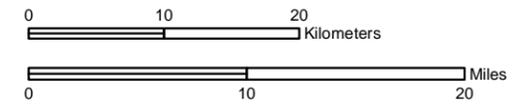


MAP EXTENT

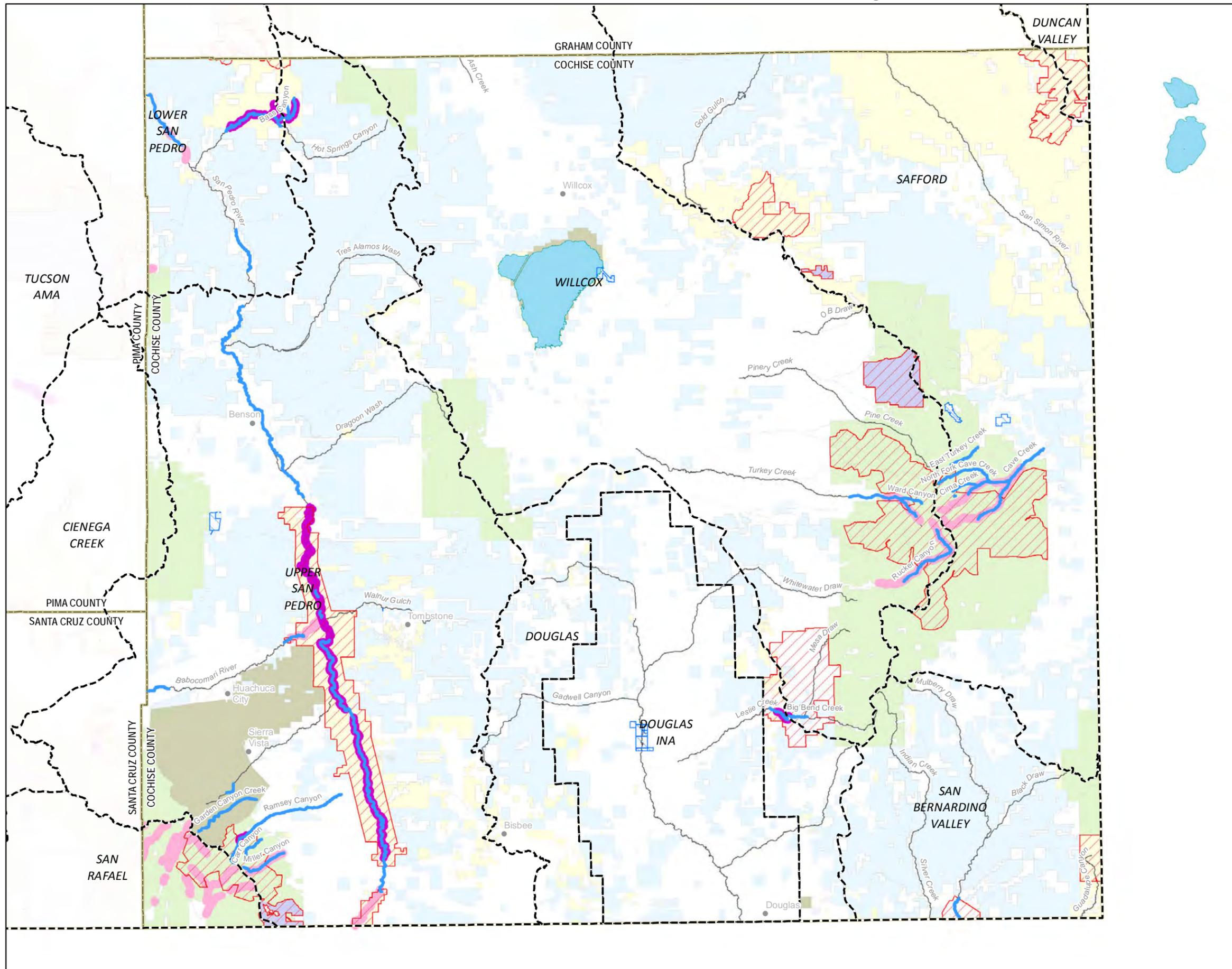


COCHISE COUNTY Land Tenure

- Town (GNIS)
- ▭ County (ALRIS)
- ▭ Groundwater Basin/AMA (ADWR)
- ☪ Reservoir, Lake (NHD)
- ▬ Perennial Flow (ADEQ, USGS)
- ~ River or Stream (ALRIS)
- ▬ Instream Flow Certificate (ADWR)
- ▬ Instream Flow Application (ADWR)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▭ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- ▭ BLM Land
- ▭ National Forest
- ▭ National Park
- ▭ Military Reserve
- ▭ Private or Other Land
- ▭ State Trust Land
- ▭ Tribal Land

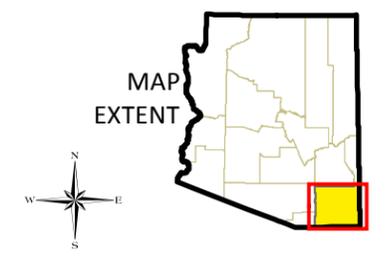


NOTE:
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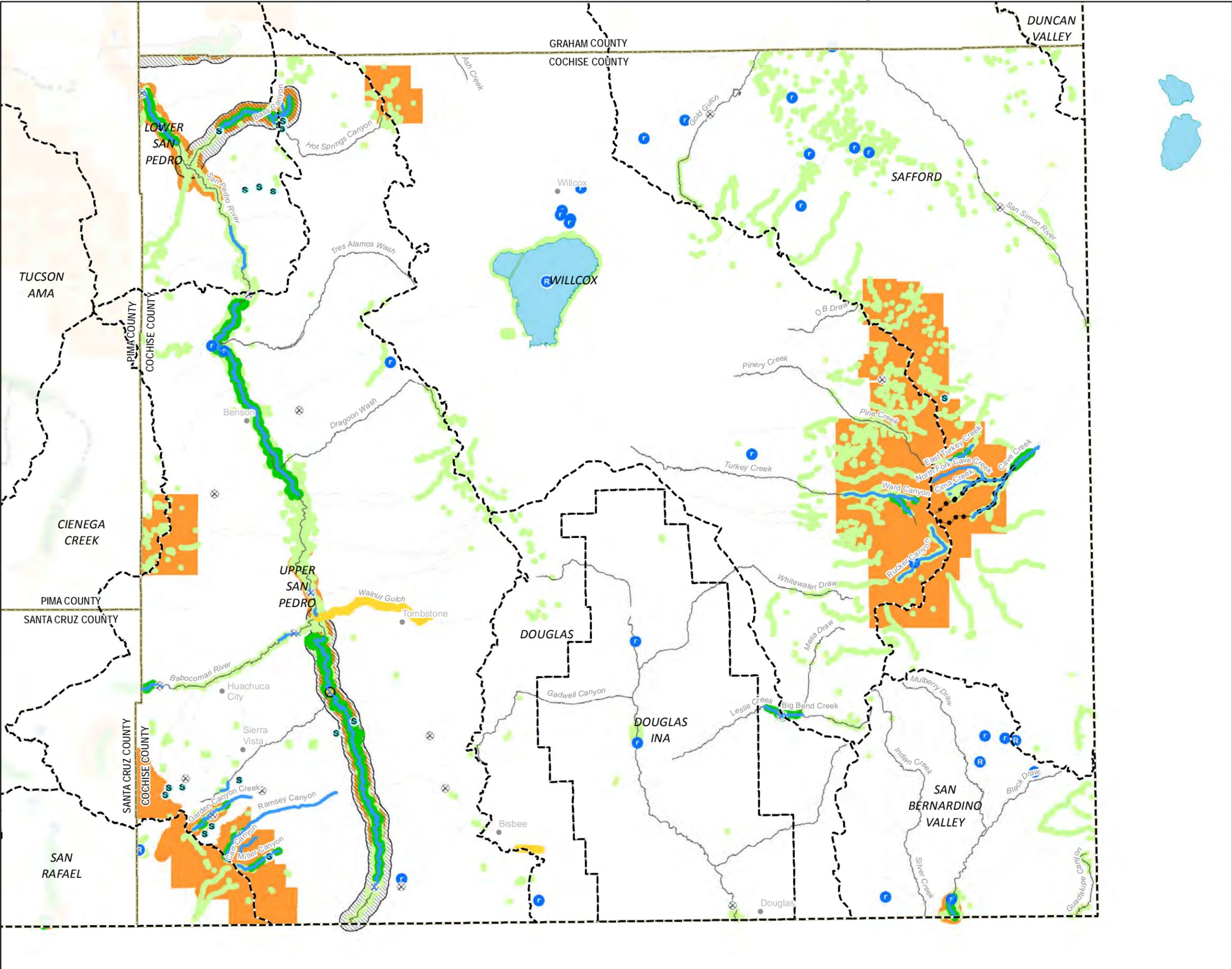


COCHISE COUNTY Natural Resources

- Town (GNIS)
- ▭ County (ALRIS)
- ▭ Groundwater Basin/AMA (ADWR)
- Ⓡ Small Reservoir (ADWR)
- Ⓡ Large Reservoir (ADWR)
- Ⓡ Reservoir, Lake (NHD)
- Ⓢ Major Spring (ADWR)
- ⊗ Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- ~ River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat Area (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)

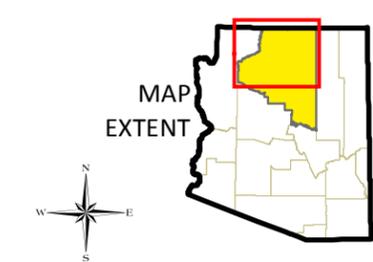


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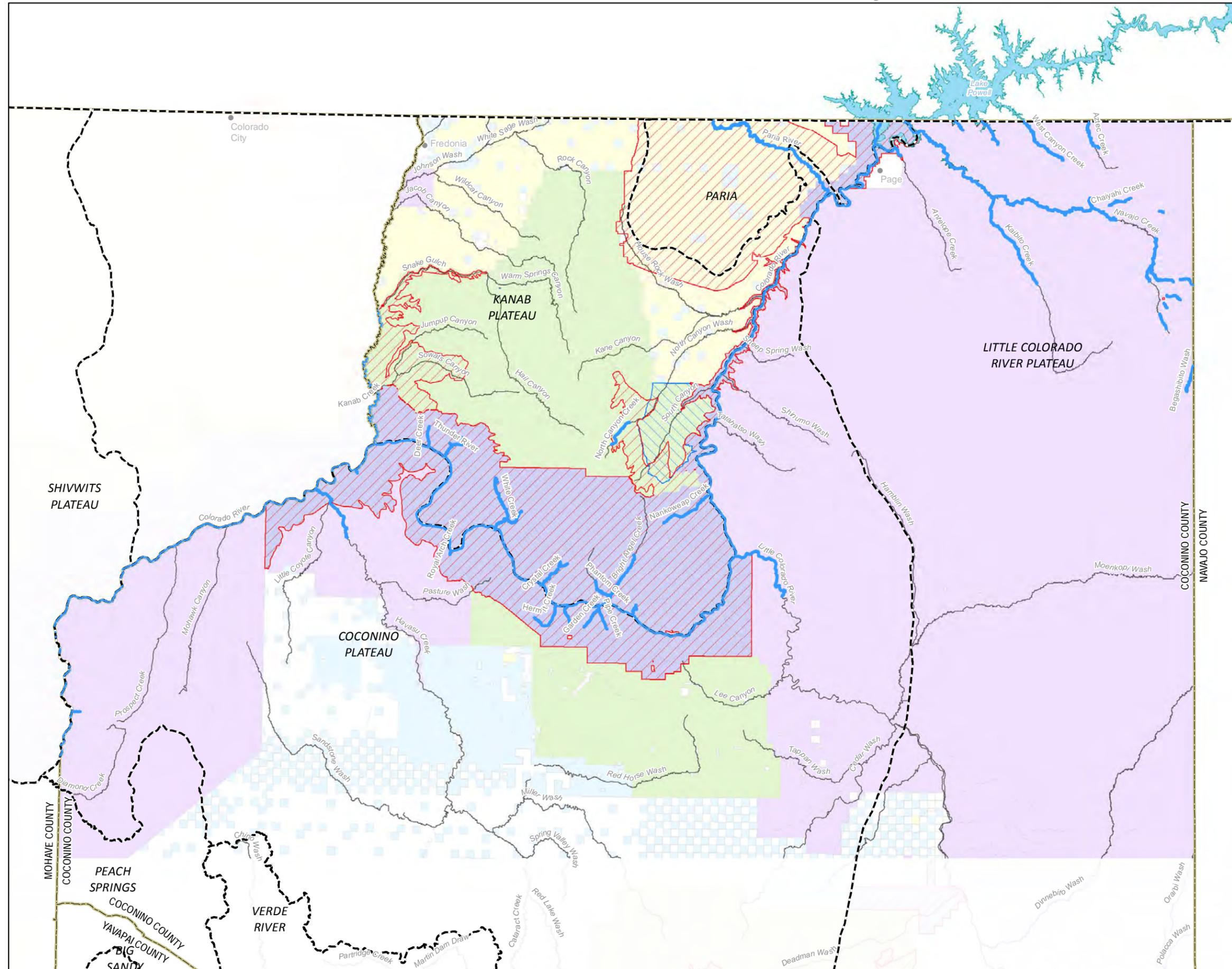


COCONINO COUNTY (North Half) Land Tenure

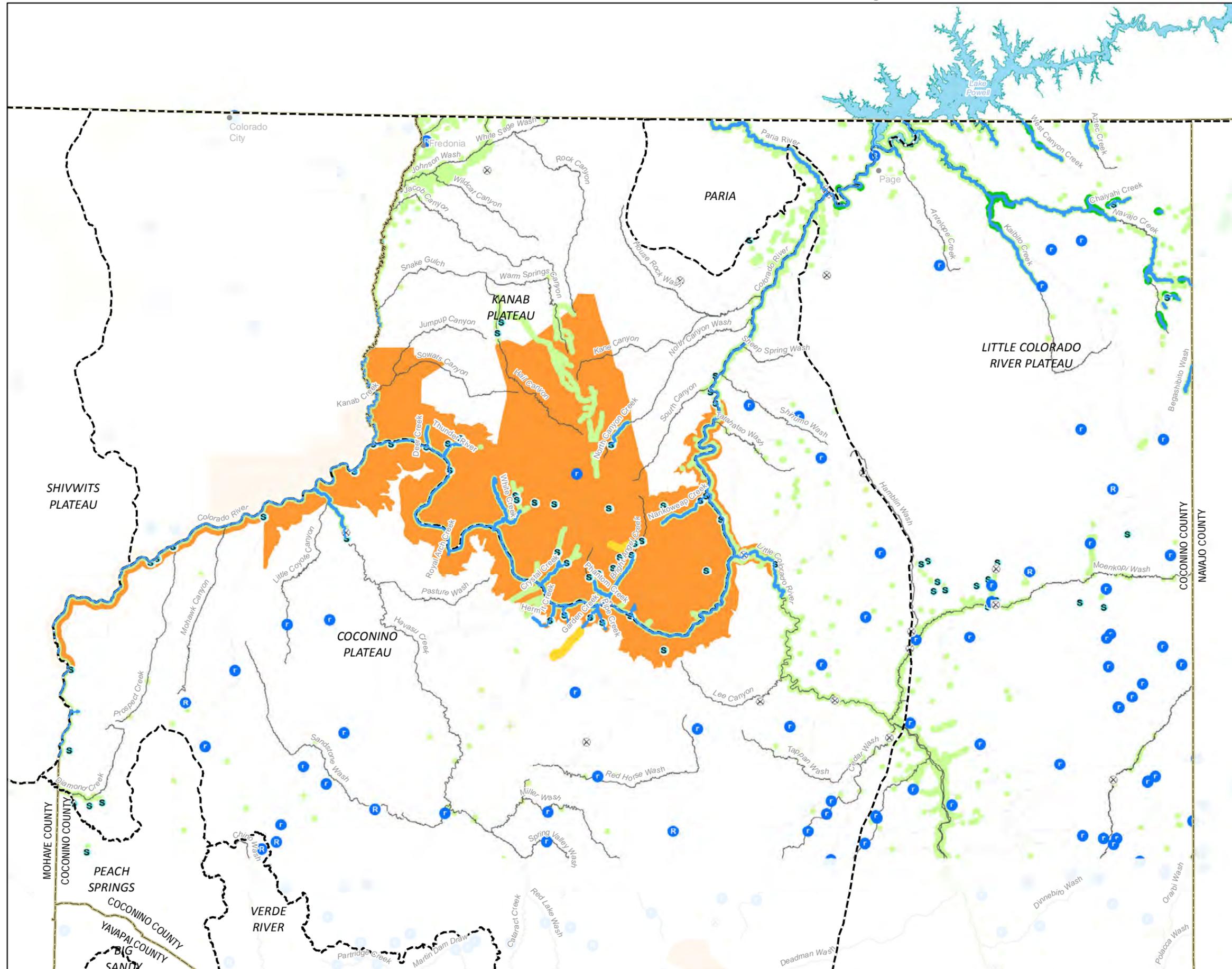
- Town (GNIS)
- ▭ County (ALRIS)
- ▭ Groundwater Basin/AMA (ADWR)
- ☪ Reservoir, Lake (NHD)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▭ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- ▭ BLM Land
- ▭ National Forest
- ▭ National Park
- ▭ Military Reserve
- ▭ Private or Other Land
- ▭ State Trust Land
- ▭ Tribal Land



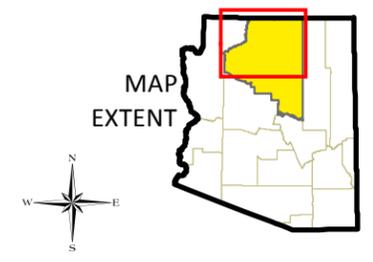
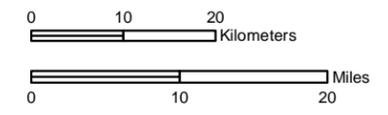
NOTE:
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COCONINO COUNTY (North Half) Natural Resources



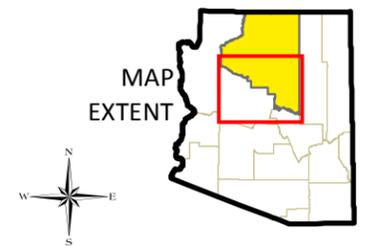
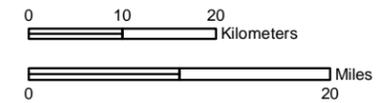
- Town (GNIS)
- ▭ County (ALRIS)
- ▭ Groundwater Basin/AMA (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir, Lake (NHD)
- ⊙ Major Spring (ADWR)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat Area (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)



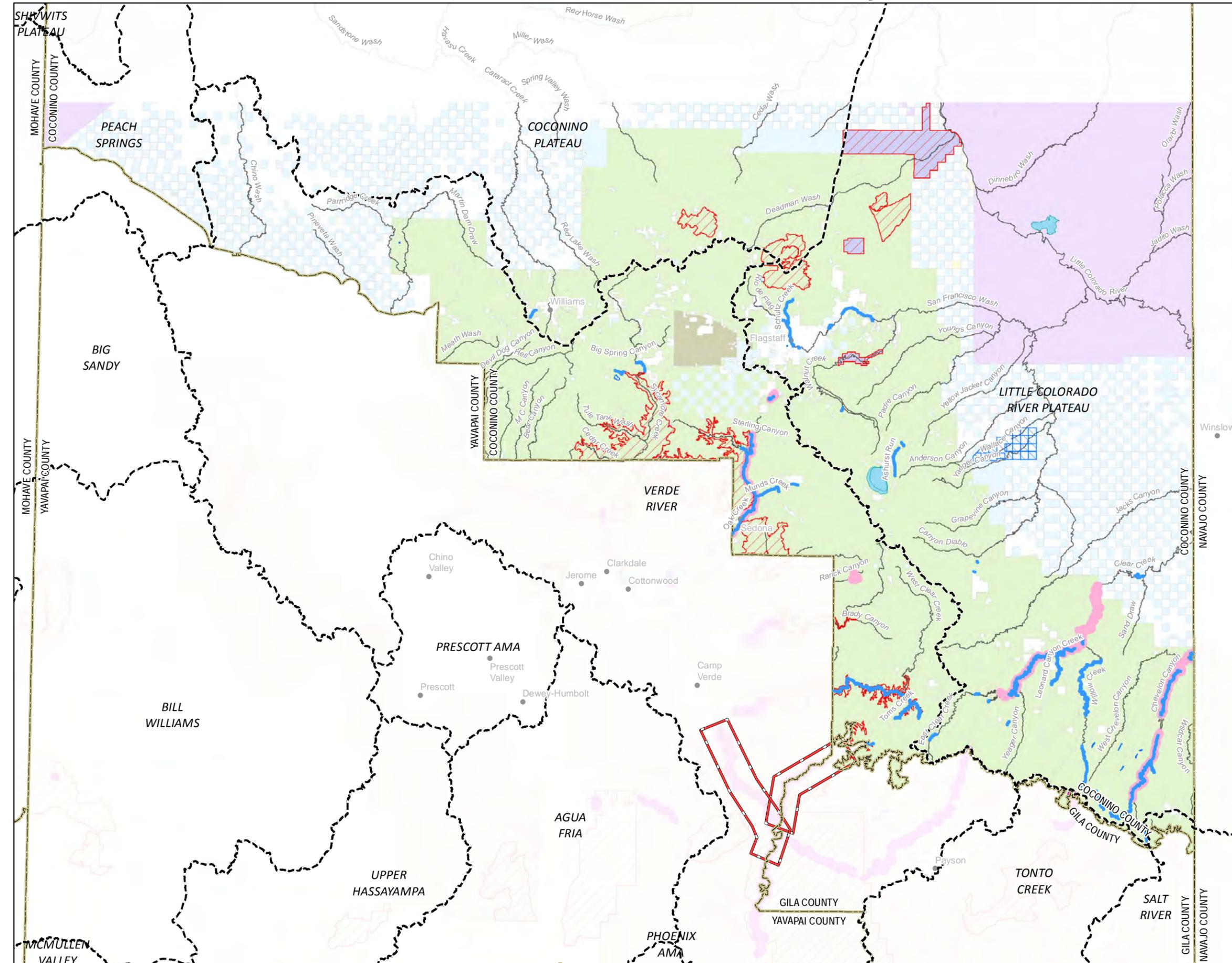
NOTE:
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COCONINO COUNTY (South Half) Land Tenure

- Town (GNIS)
- ▭ County (ALRIS)
- ▭ Groundwater Basin/AMA (ADWR)
- ▭ Reservoir, Lake (NHD)
- ▭ Perennial Flow (ADEQ, USGS)
- ▭ River or Stream (ALRIS)
- ▭ Instream Flow Certificate (ADWR)
- ▭ Instream Flow Application (ADWR)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▭ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- ▭ BLM Land
- ▭ National Forest
- ▭ National Park
- ▭ Military Reserve
- ▭ Private or Other Land
- ▭ State Trust Land
- ▭ Tribal Land

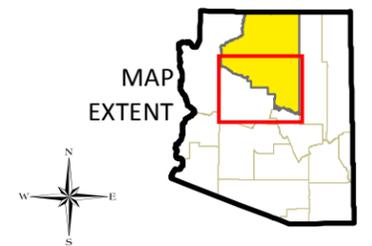
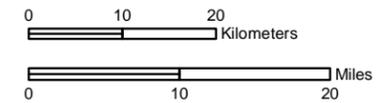


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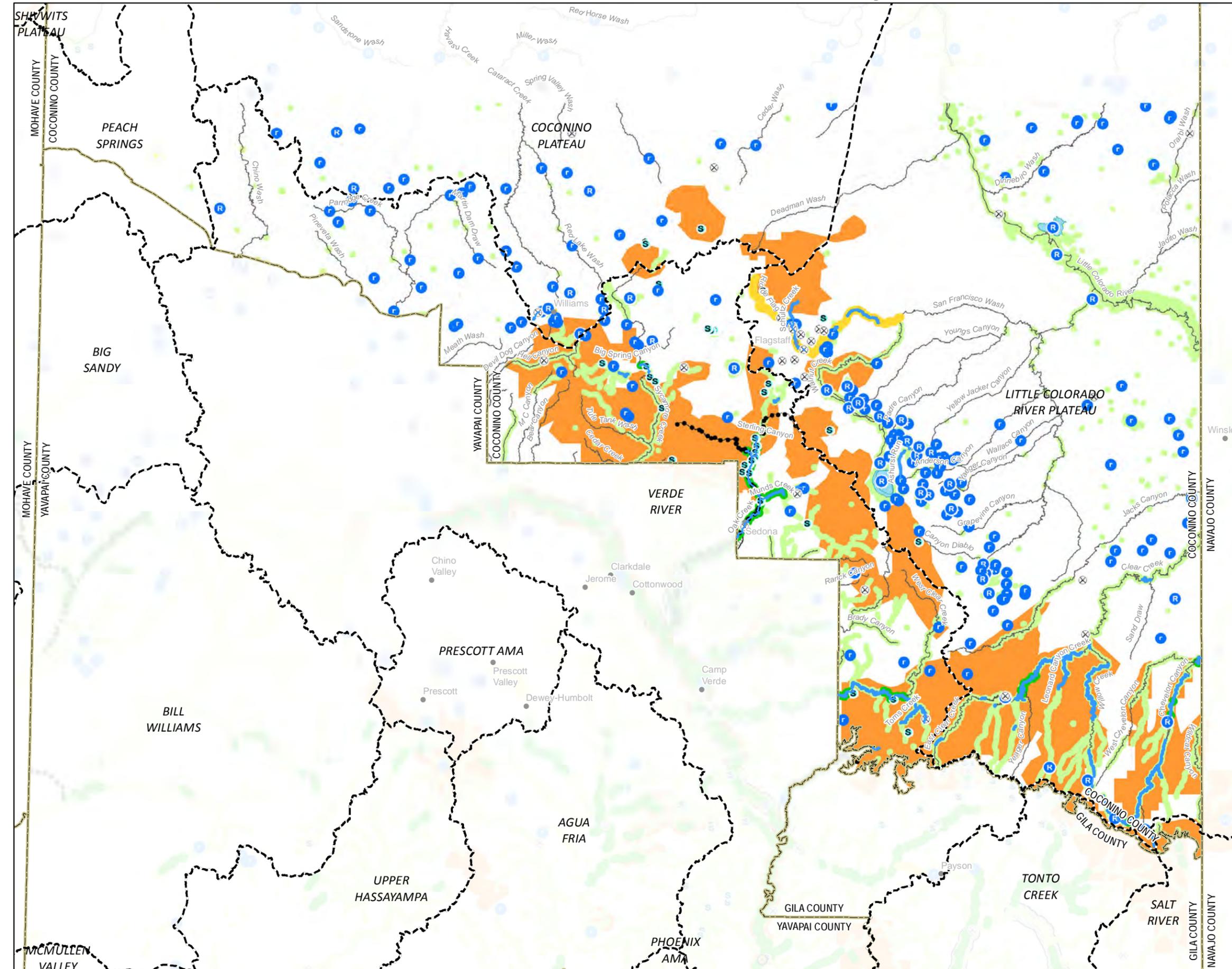


COCONINO COUNTY (South Half) Natural Resources

- Town (GNIS)
- ▭ County (ALRIS)
- ⬭ Groundwater Basin/AMA (ADWR)
- Ⓡ Small Reservoir (ADWR)
- Ⓡ Large Reservoir (ADWR)
- Ⓡ Reservoir, Lake (NHD)
- Ⓢ Major Spring (ADWR)
- Ⓢ Stream Gage (USGS, SWM Study)
- Ⓢ Stream Gage (USGS)
- Ⓢ Perennial Flow (ADEQ, USGS)
- Ⓢ River or Stream (ALRIS)
- Ⓢ Outstanding Arizona Water (ADEQ)
- Ⓢ Effluent Dependent Stream (ADWR, NEMO)
- Ⓢ 1993 Riparian Inventory (AZGFD)
- Ⓢ Modeled Riparian Habitat (AZGFD)
- Ⓢ Designated ESA Critical Habitat Area (USFWS)
- Ⓢ Proposed ESA Critical Habitat (USFWS)

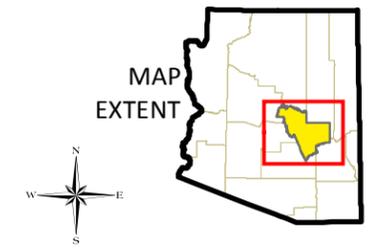
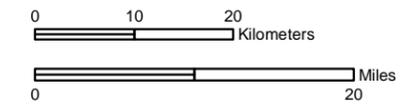


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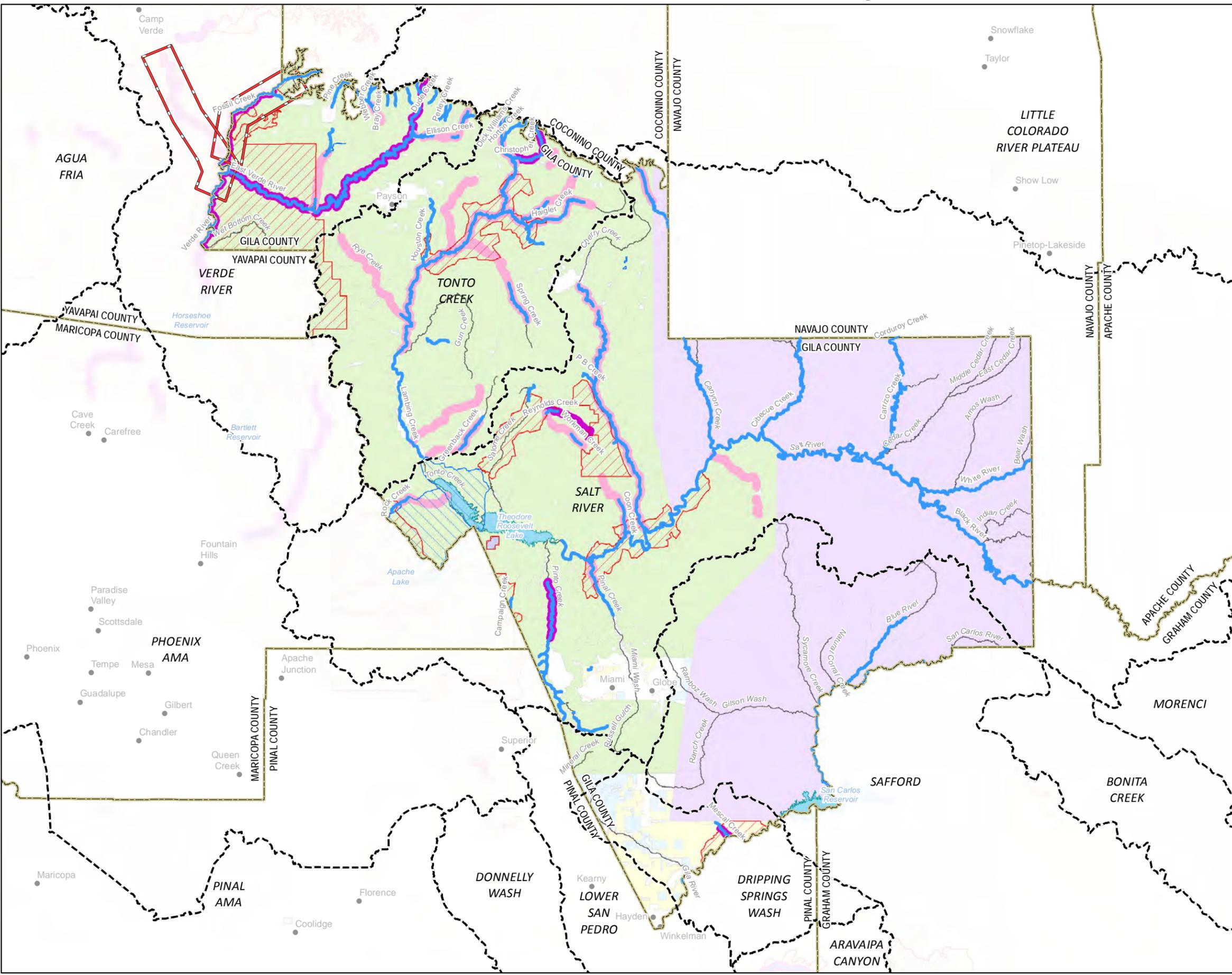


GILA COUNTY Land Tenure

- Town (GNIS)
- ▭ County (ALRIS)
- ▭ Groundwater Basin/AMA (ADWR)
- ☪ Reservoir, Lake (NHD)
- ▬ Perennial Flow (ADEQ, USGS)
- ▬ River or Stream (ALRIS)
- ▬ Instream Flow Certificate (ADWR)
- ▬ Instream Flow Application (ADWR)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▭ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- ▭ BLM Land
- ▭ National Forest
- ▭ National Park
- ▭ Military Reserve
- ▭ Private or Other Land
- ▭ State Trust Land
- ▭ Tribal Land



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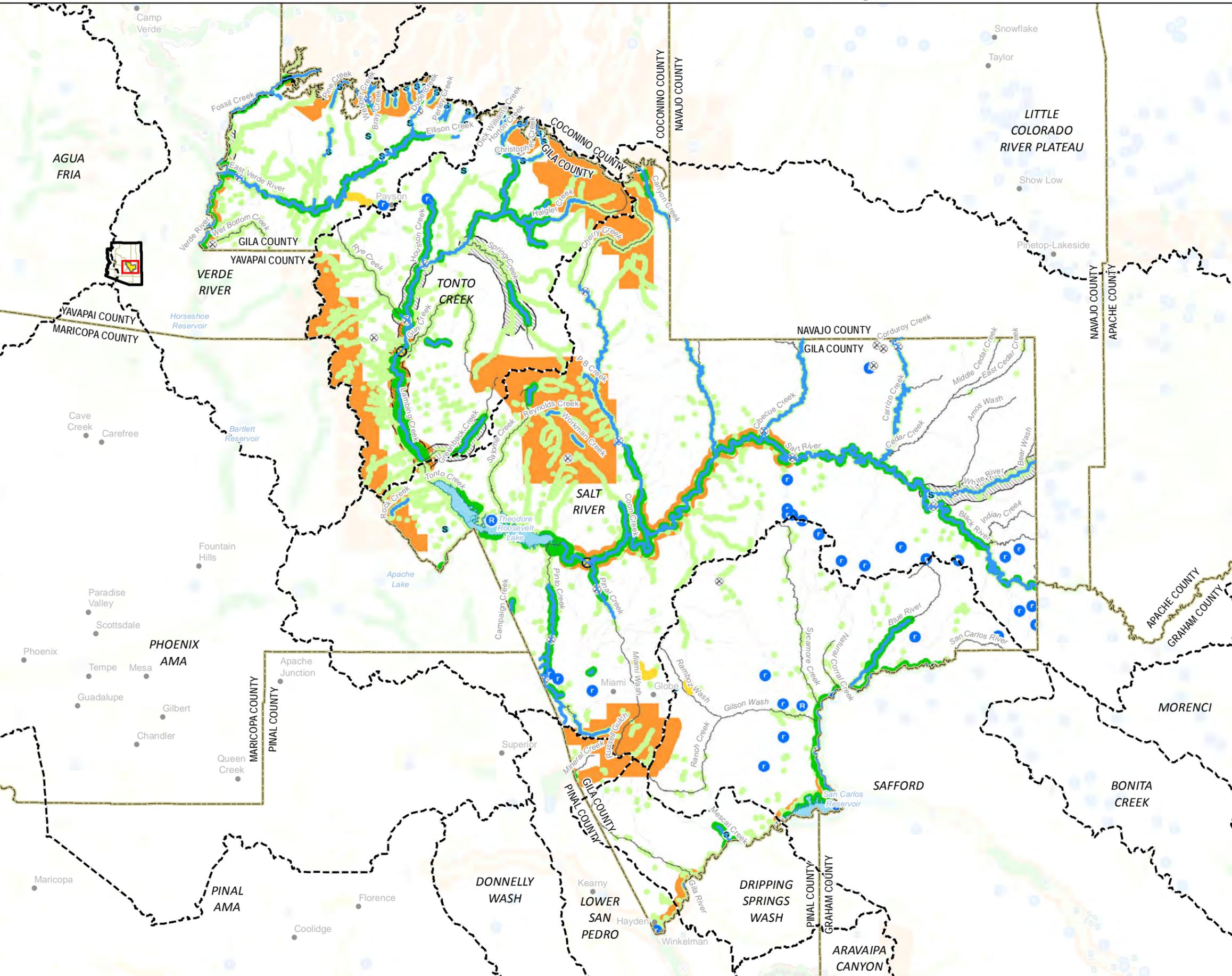


GILA COUNTY Natural Resources

- Town (GNIS)
- ▭ County (ALRIS)
- ▭ Groundwater Basin/AMA (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir, Lake (NHD)
- ⊙ Major Spring (ADWR)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- ▬ Perennial Flow (ADEQ, USGS)
- ▬ River or Stream (ALRIS)
- ▬ Outstanding Arizona Water (ADEQ)
- ▬ Effluent Dependent Stream (ADWR, NEMO)
- ▬ 1993 Riparian Inventory (AZGFD)
- ▬ Modeled Riparian Habitat (AZGFD)
- ▬ Designated ESA Critical Habitat Area (USFWS)
- ▬ Proposed ESA Critical Habitat (USFWS)

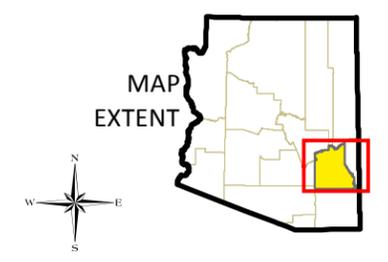
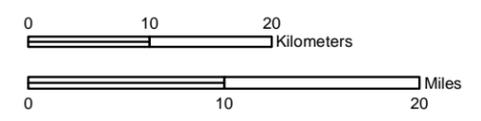


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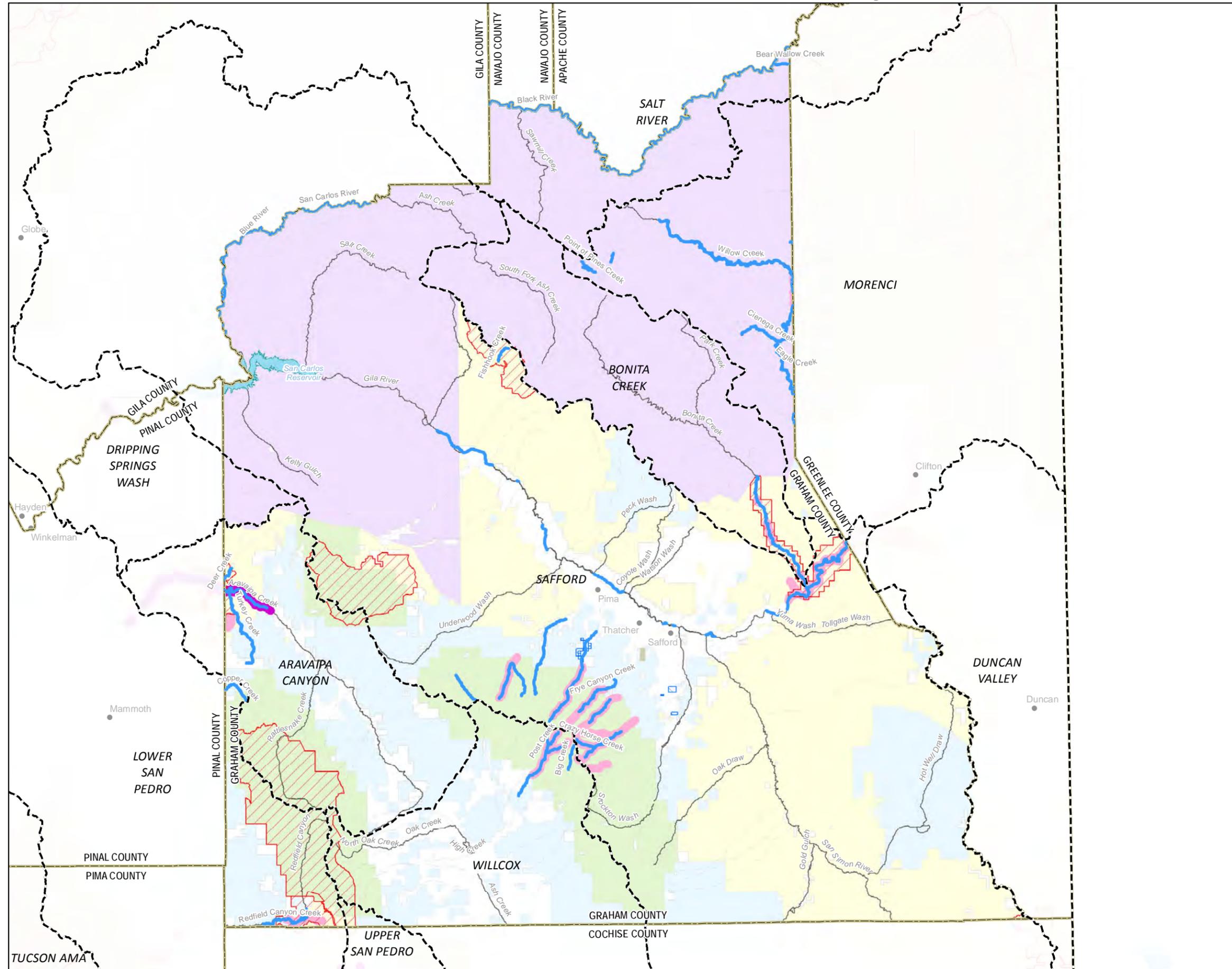


GRAHAM COUNTY Land Tenure

- Town (GNIS)
- ▭ County (ALRIS)
- ⬭ Groundwater Basin/AMA (ADWR)
- ☪ Reservoir, Lake (NHD)
- ▬ Perennial Flow (ADEQ, USGS)
- ~ River or Stream (ALRIS)
- ▬ Instream Flow Certificate (ADWR)
- ▬ Instream Flow Application (ADWR)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▭ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- ▭ BLM Land
- ▭ National Forest
- ▭ National Park
- ▭ Military Reserve
- ▭ Private or Other Land
- ▭ State Trust Land
- ▭ Tribal Land

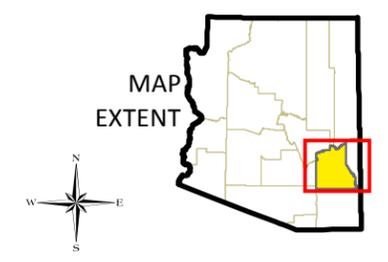


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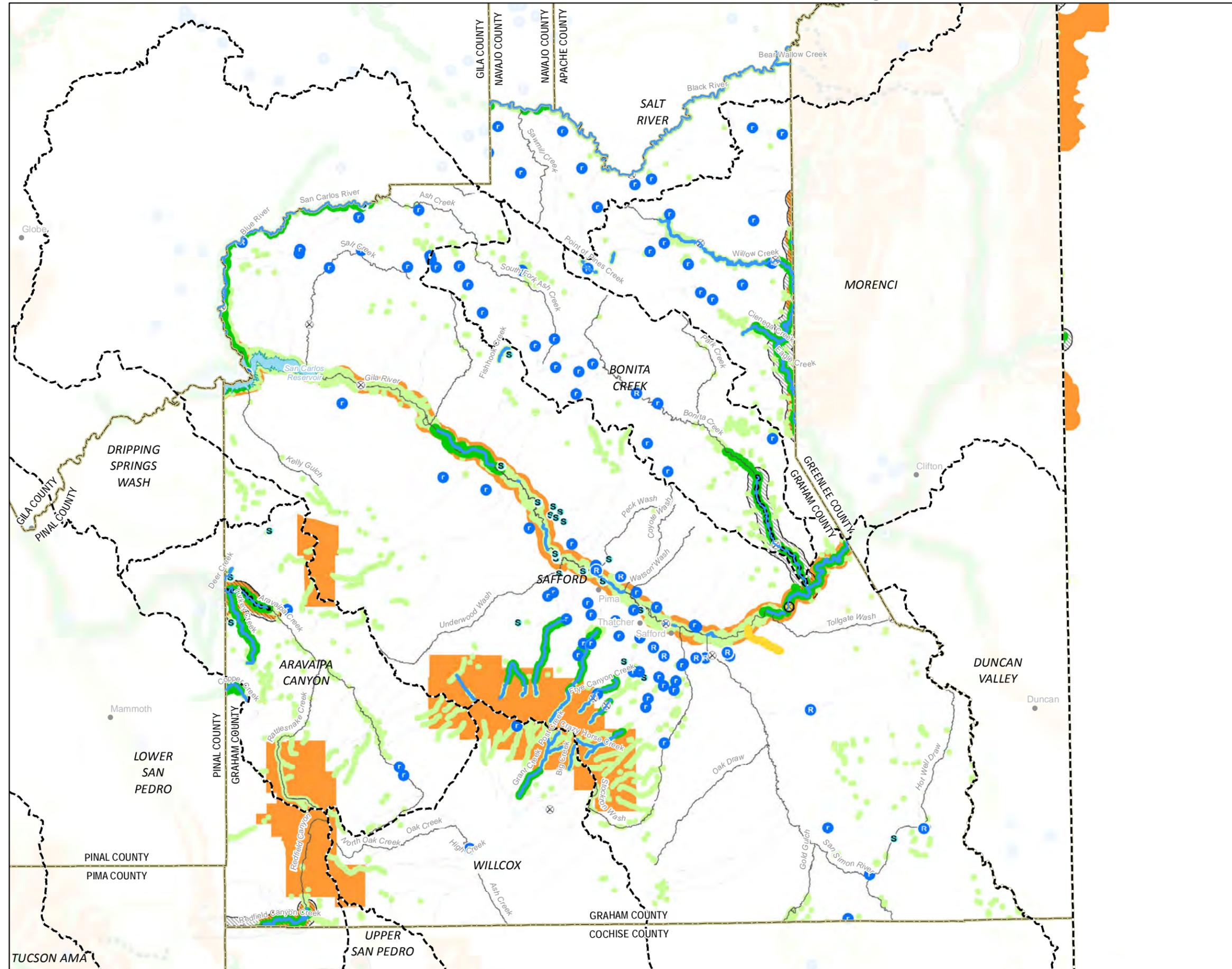


GRAHAM COUNTY Natural Resources

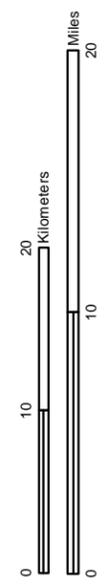
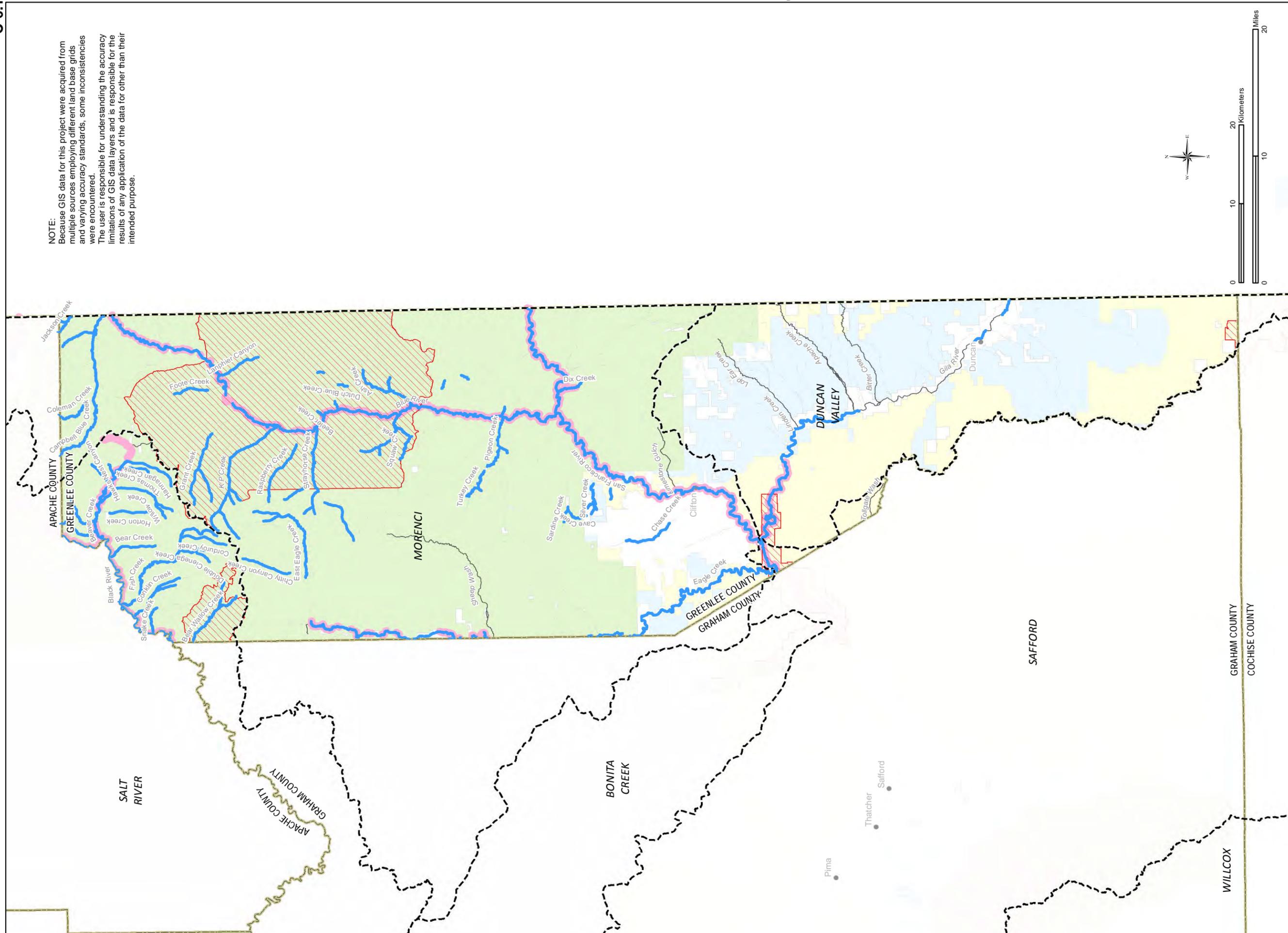
- Town (GNIS)
- ▭ County (ALRIS)
- ⊞ Groundwater Basin/AMA (ADWR)
- Ⓡ Small Reservoir (ADWR)
- Ⓡ Large Reservoir (ADWR)
- Ⓡ Reservoir, Lake (NHD)
- Ⓢ Major Spring (ADWR)
- ⊗ Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Ⓡ Perennial Flow (ADEQ, USGS)
- ~ River or Stream (ALRIS)
- ⋯ Outstanding Arizona Water (ADEQ)
- Ⓡ Effluent Dependent Stream (ADWR, NEMO)
- Ⓡ 1993 Riparian Inventory (AZGFD)
- Ⓡ Modeled Riparian Habitat (AZGFD)
- Ⓡ Designated ESA Critical Habitat Area (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)



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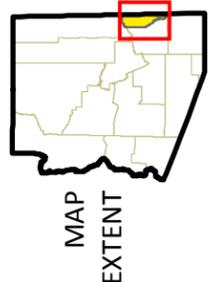
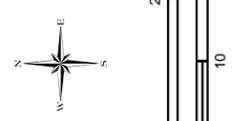
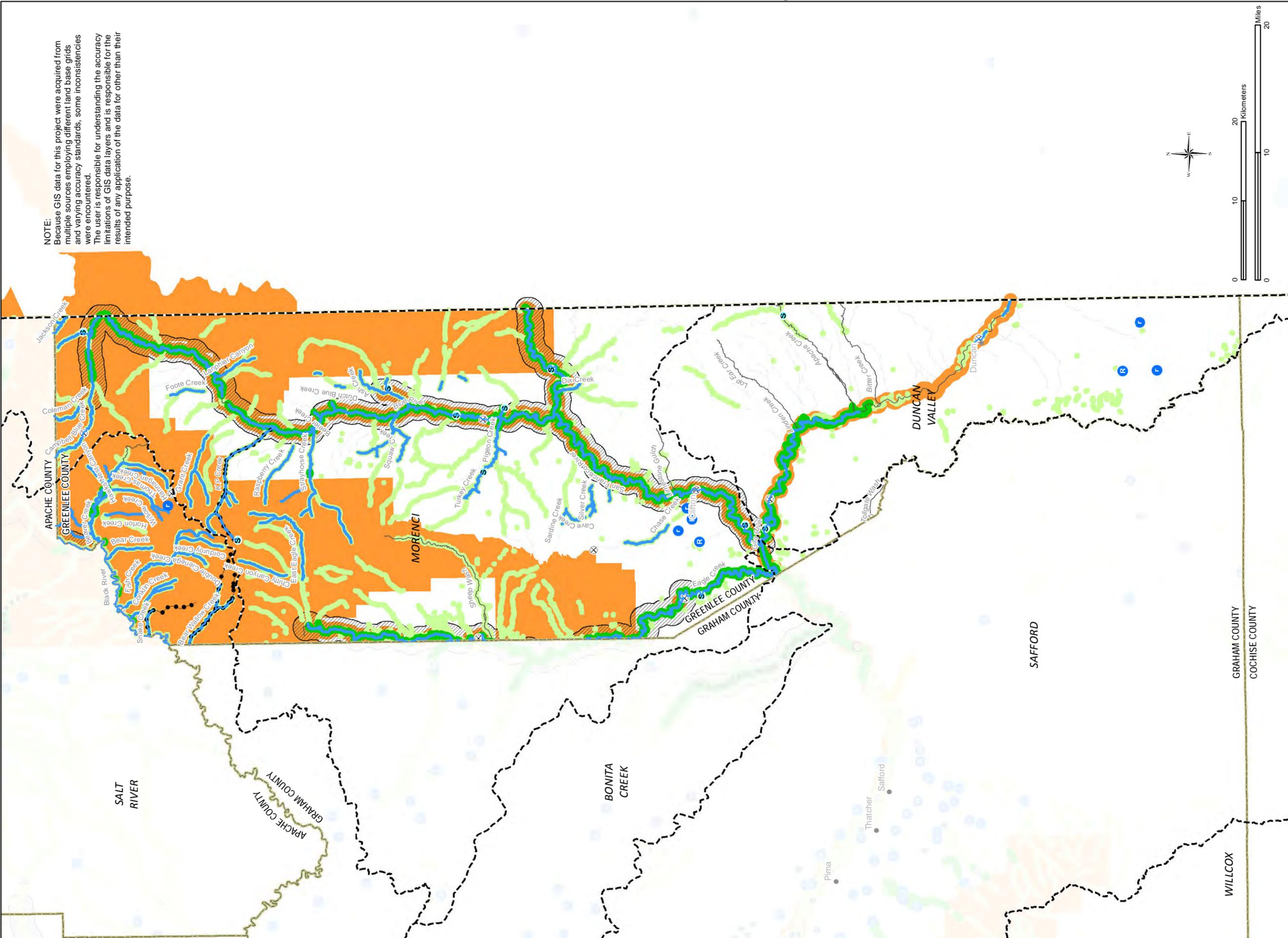


GREENLEE COUNTY Land Tenure

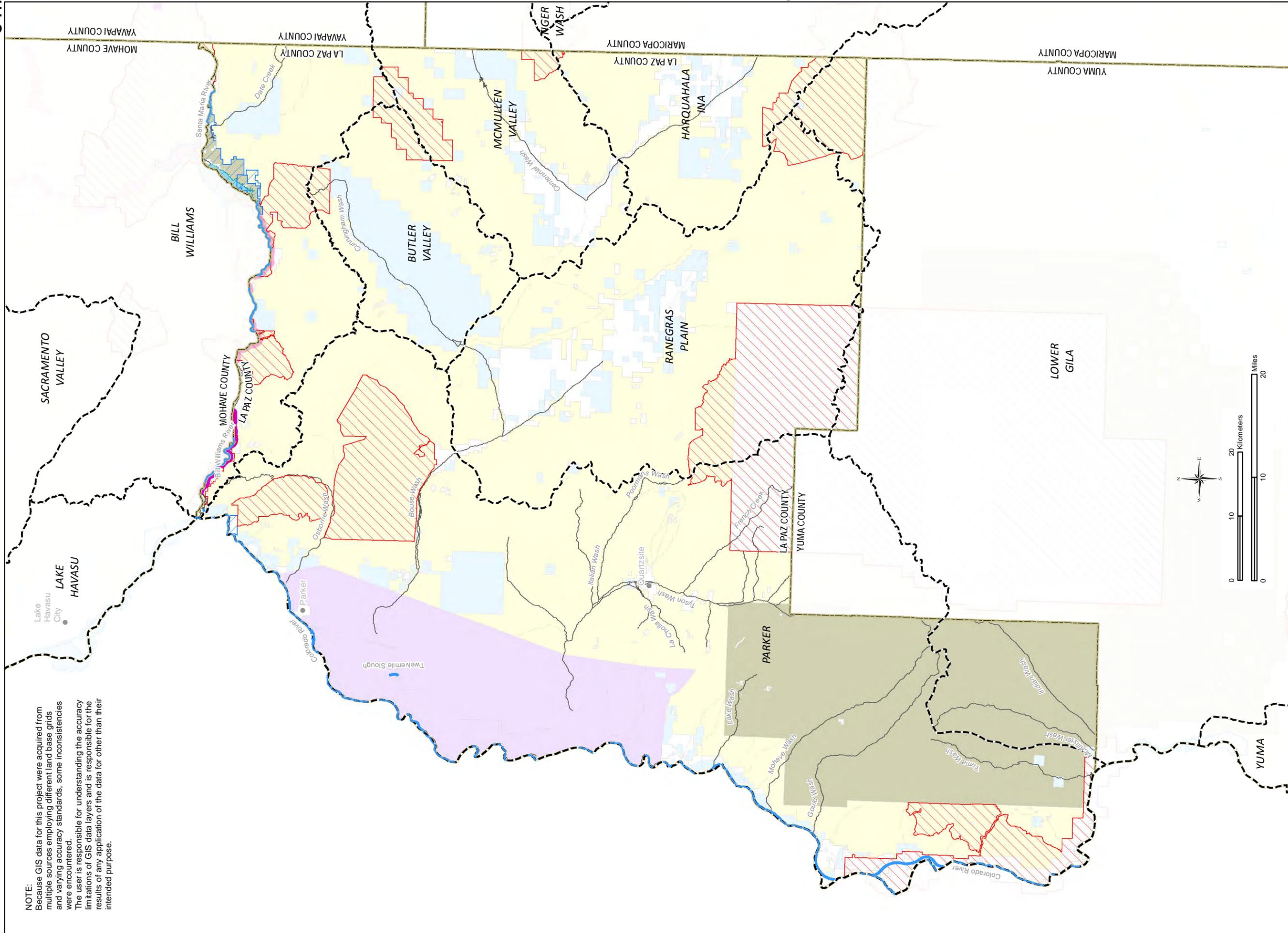
MAP EXTENT

<ul style="list-style-type: none"> ● Town (GNIS) □ County (ALRIS) □ Groundwater Basin/AMA (ADWR) □ Reservoir, Lake (NHD) □ Perennial Flow (ADEQ, USGS) □ River or Stream (ALRIS) □ Instream Flow Certificate (ADWR) □ Instream Flow Application (ADWR) □ Federally Designated Wild and Scenic River (USFS) 	<ul style="list-style-type: none"> □ Federal Conservation Land (USFS, BLM, NPS) □ State Managed Conservation Land (AZGFD, AZSP) □ BLM Land □ National Forest □ National Park □ Military Reserve □ Private or Other Land □ State Trust Land □ Tribal Land
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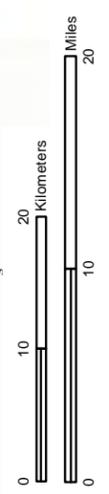


- ### GREENLEE COUNTY Natural Resources
- Town (GNIS)
 - County (ALRIS)
 - Groundwater Basin/AMA (ADWR)
 - Small Reservoir (ADWR)
 - Large Reservoir (ADWR)
 - Reservoir, Lake (NHD)
 - Major Spring (ADWR)
 - Stream Gage (USGS, SWM Study)
 - Stream Gage (USGS)
 - Perennial Flow (ADEQ, USGS)
 - River or Stream (ALRIS)
 - Outstanding Arizona Water (ADEQ)
 - Effluent Dependent Stream (ADWR, NEMO)
 - 1993 Riparian Inventory (AZGFD)
 - Modeled Riparian Habitat (AZGFD)
 - Designated ESA Critical Habitat Area (USFWS)
 - Proposed ESA Critical Habitat (USFWS)

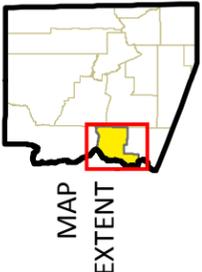


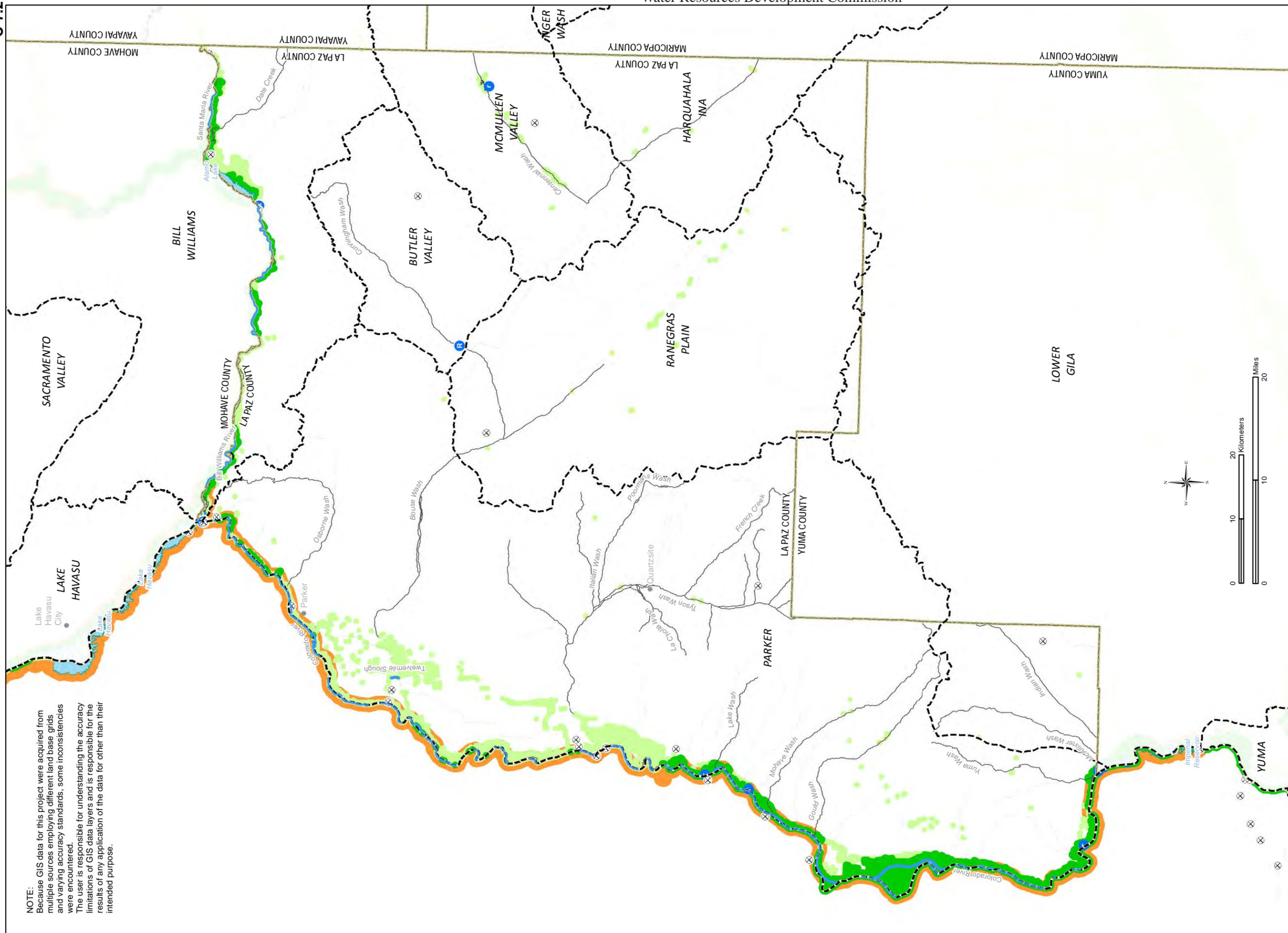
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- State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private or Other Land
- State Trust Land
- Tribal Land



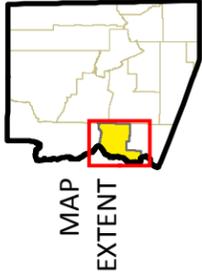
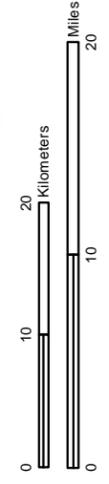
LA PAZ COUNTY Land Tenure





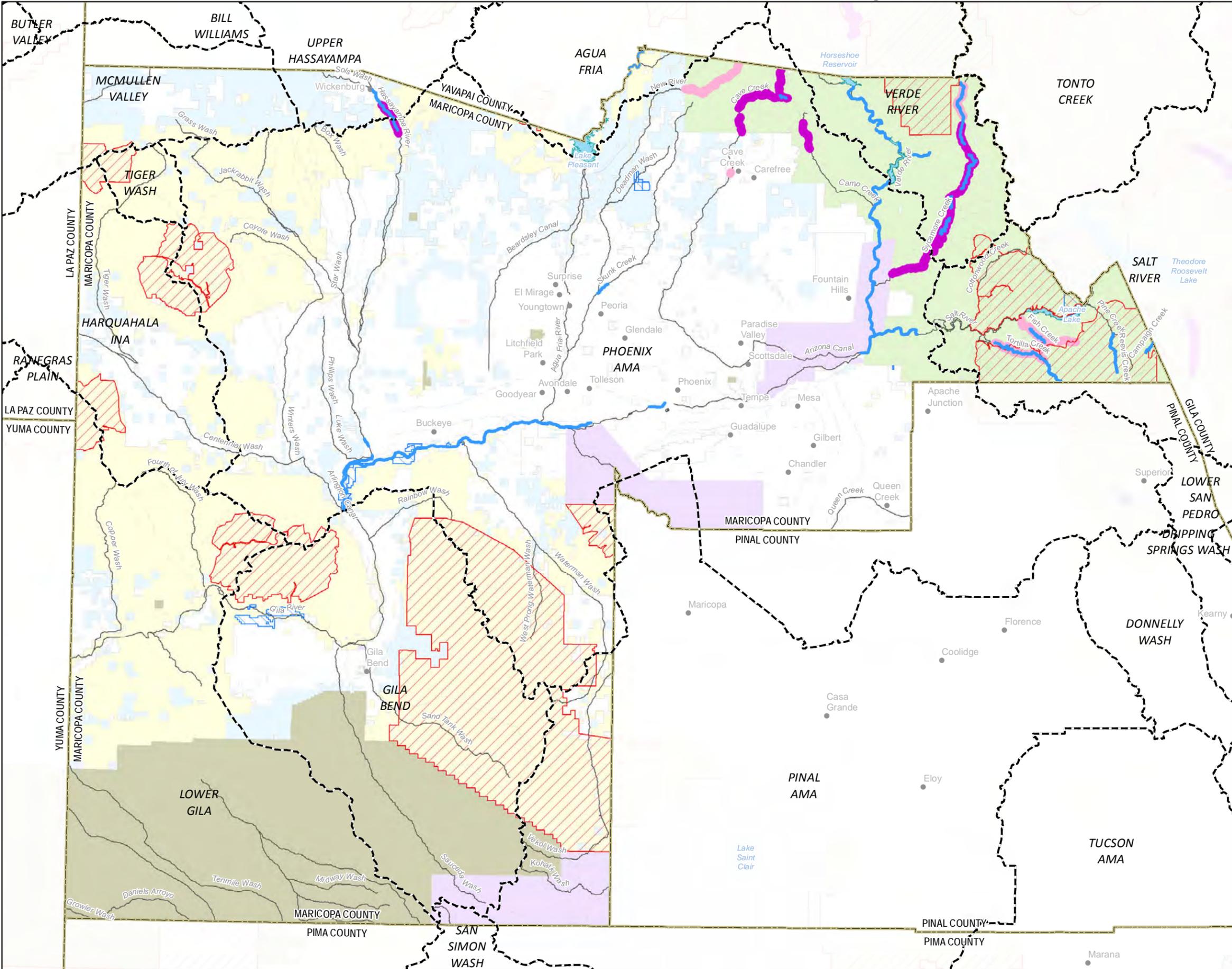
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- Town (GNIS)
- County (ALRIS)
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- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir, Lake (NHD)
- Major Spring (ADWR)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
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- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- ▨ Proposed ESA Critical Habitat (USFWS)
- Designated ESA Critical Habitat Area (USFWS)

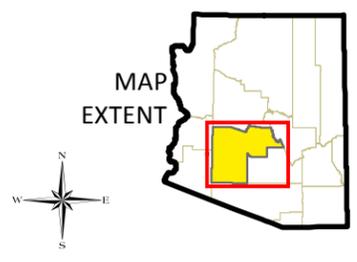
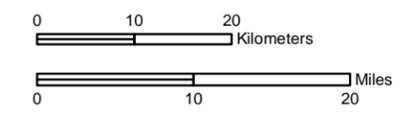


LA PAZ COUNTY Natural Resources

MARICOPA COUNTY Land Tenure

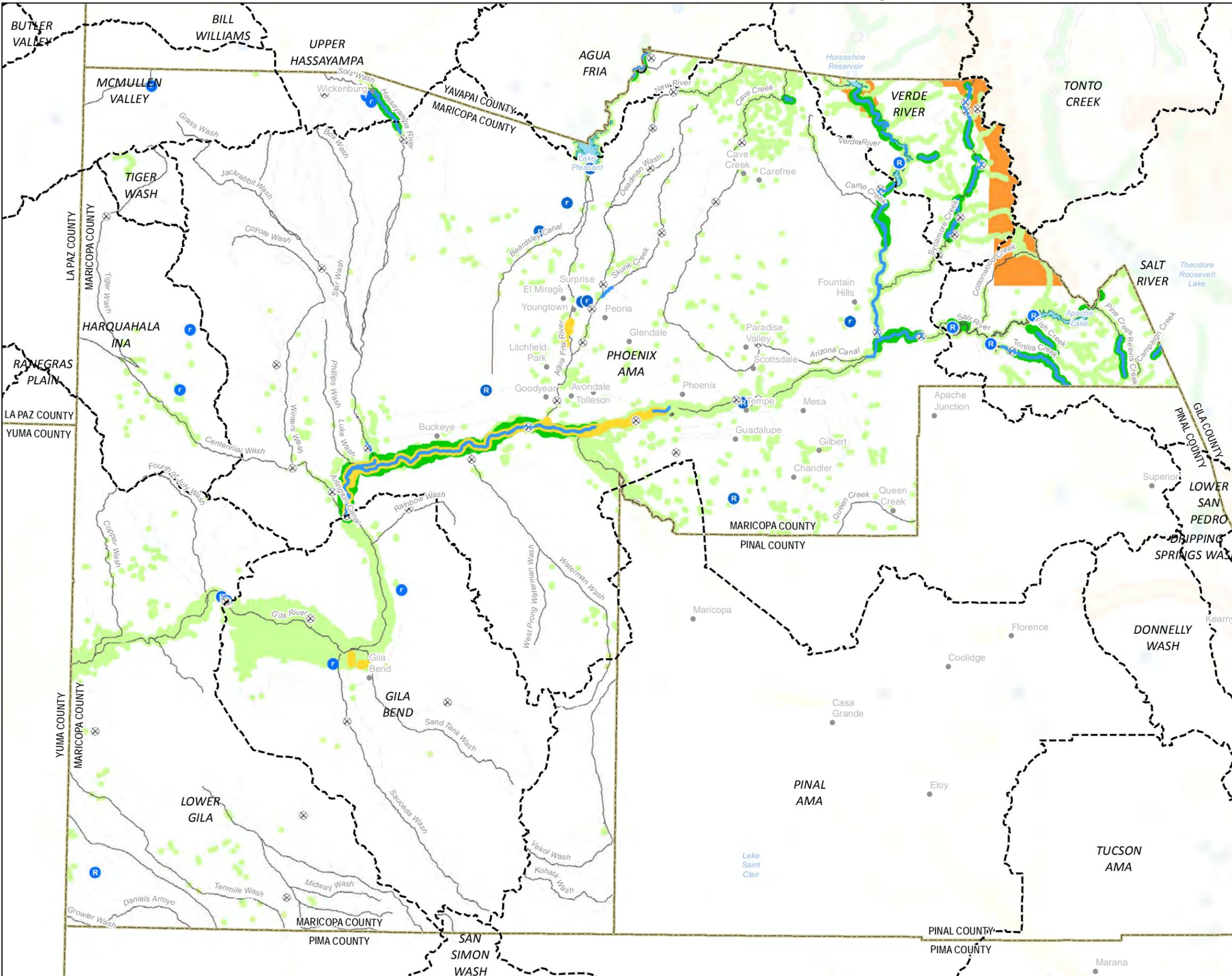


- Town (GNIS)
- ▭ County (ALRIS)
- ⬭ Groundwater Basin/AMA (ADWR)
- ⬭ Reservoir, Lake (NHD)
- ⬭ Perennial Flow (ADEQ, USGS)
- ⬭ River or Stream (ALRIS)
- ⬭ Instream Flow Certificate (ADWR)
- ⬭ Instream Flow Application (ADWR)
- ⬭ Federally Designated Wild and Scenic River (USFS)
- ⬭ Federal Conservation Land (USFS, BLM, NPS)
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- ⬭ BLM Land
- ⬭ National Forest
- ⬭ National Park
- ⬭ Military Reserve
- ⬭ Private or Other Land
- ⬭ State Trust Land
- ⬭ Tribal Land

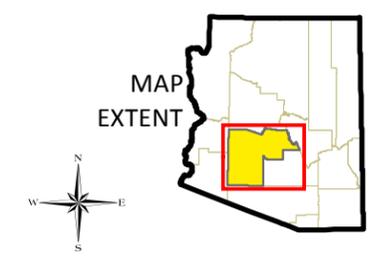
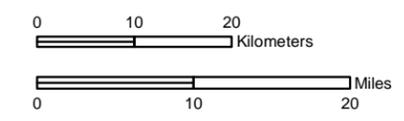


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MARICOPA COUNTY Natural Resources

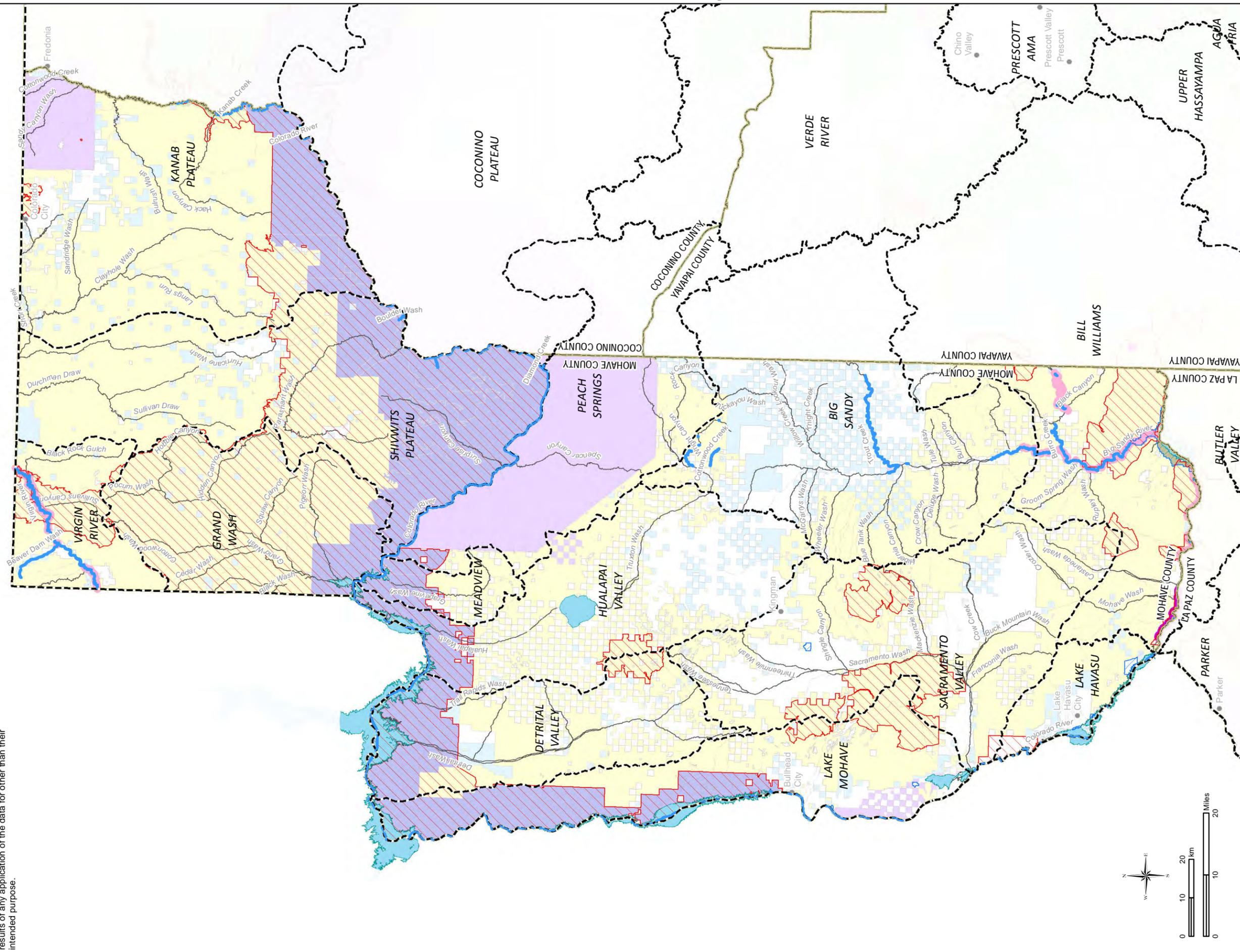


- Town (GNIS)
- ▭ County (ALRIS)
- ⊞ Groundwater Basin/AMA (ADWR)
- ⊙ Small Reservoir (ADWR)
- ⊙ Large Reservoir (ADWR)
- ⊙ Reservoir, Lake (NHD)
- ⊙ Major Spring (ADWR)
- ⊙ Stream Gage (USGS, SWM Study)
- ⊙ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
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- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat Area (USFWS)
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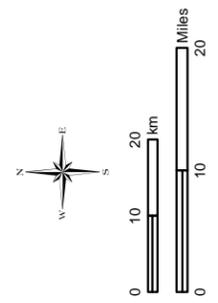
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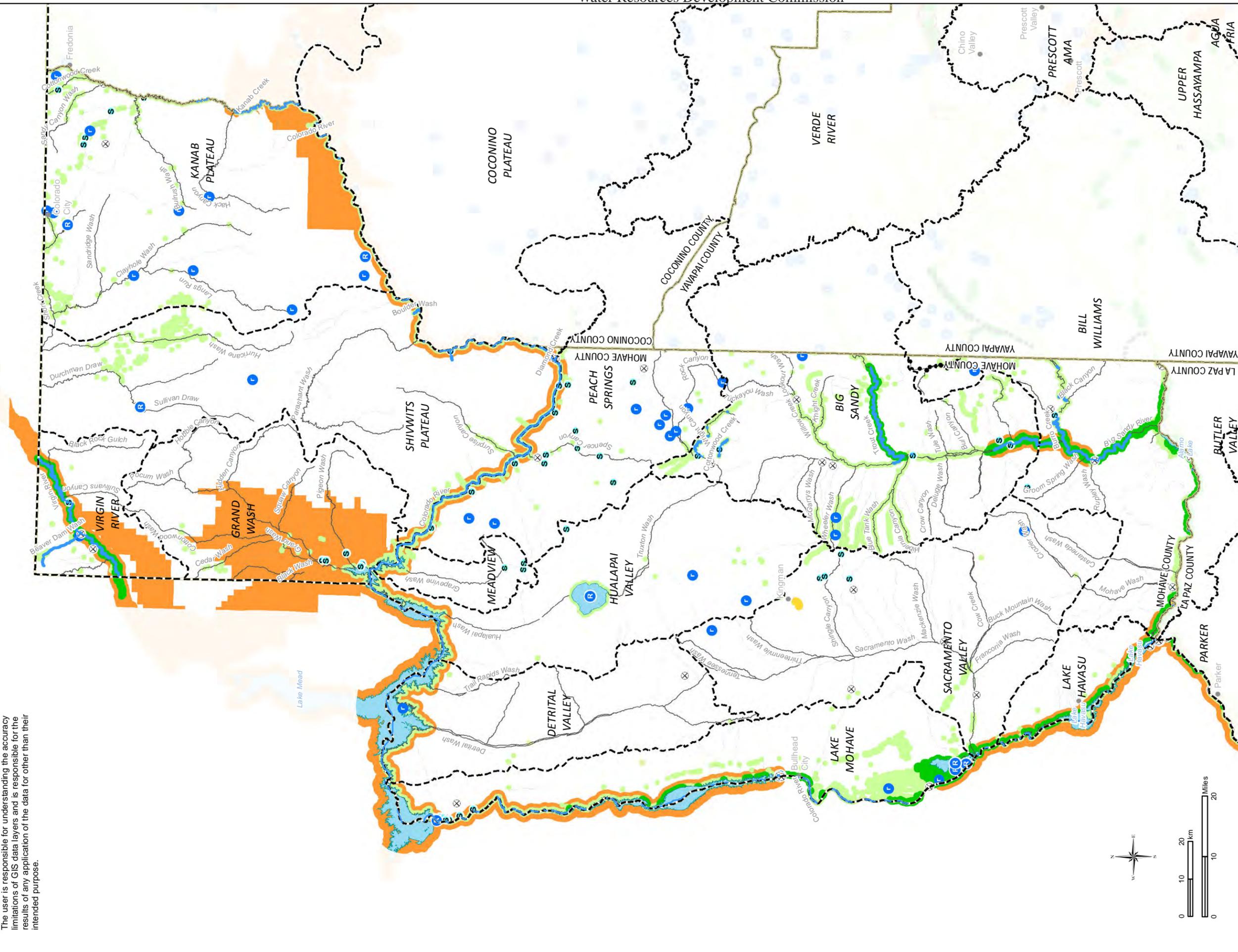
MOHAVE COUNTY Land Tenure

MAP EXTENT

- Town (GNIS)
- County (ALRIS)
- Groundwater Basin/AMA (ADWR)
- Reservoir, Lake (NHD)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- Federally Designated Wild and Scenic River (USFS)
- Federal Conservation Land (USFS, BLM, NPS)
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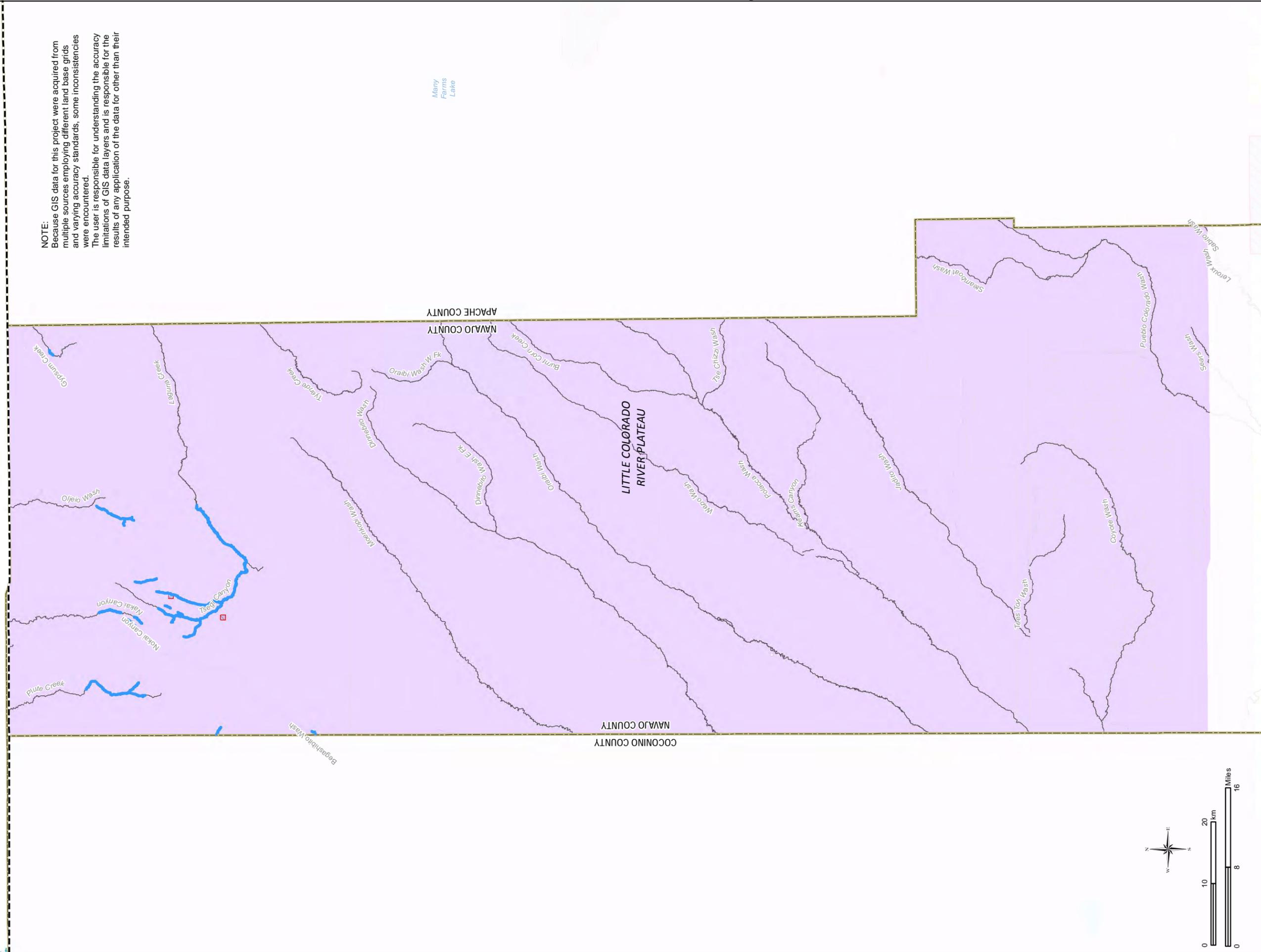
MOHAVE COUNTY Natural Resources

MAP EXTENT

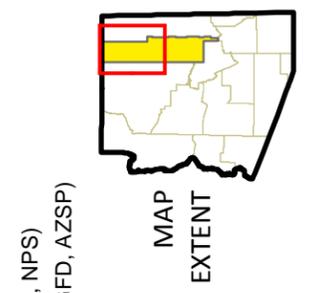
- Town (GNIS)
- County (ALRIS)
- Groundwater Basin/AMA (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir, Lake (NHD)
- Major Spring (ADWR)
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- Perennial Flow (ADEQ, USGS)
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- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat Area (USFWS)
- Proposed ESA Critical Habitat (USFWS)

0 10 20 Miles
0 10 20 km

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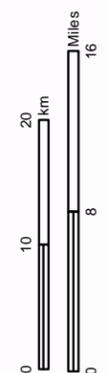


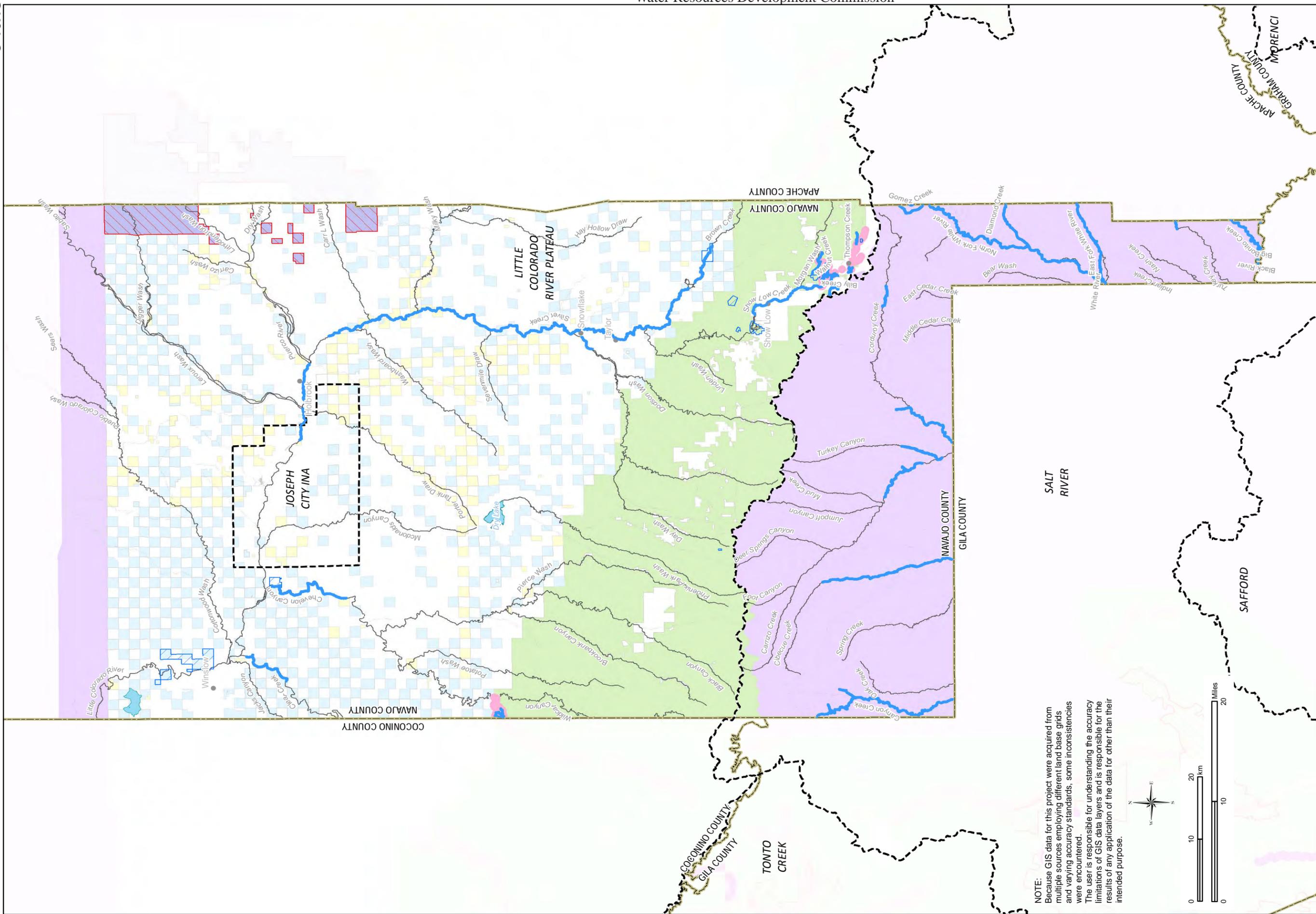
NAVAJO COUNTY (North Half) Land Tenure



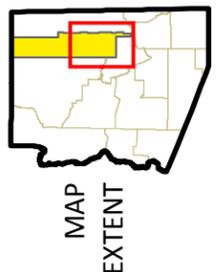
- Federal Conservation Land (USFS, BLM, NPS)
- State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private or Other Land
- State Trust Land
- Tribal Land

- Town (GNIS)
- County (ALRIS)
- Groundwater Basin/AMA (ADWR)
- Reservoir, Lake (NHD)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Instream Flow Certificate (ADWR)
- Instream Flow Application (ADWR)
- Federally Designated Wild and Scenic River (USFS)



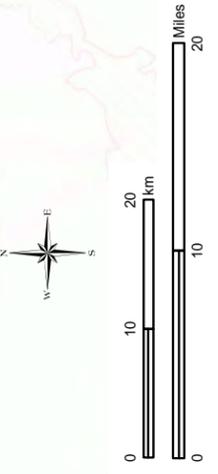


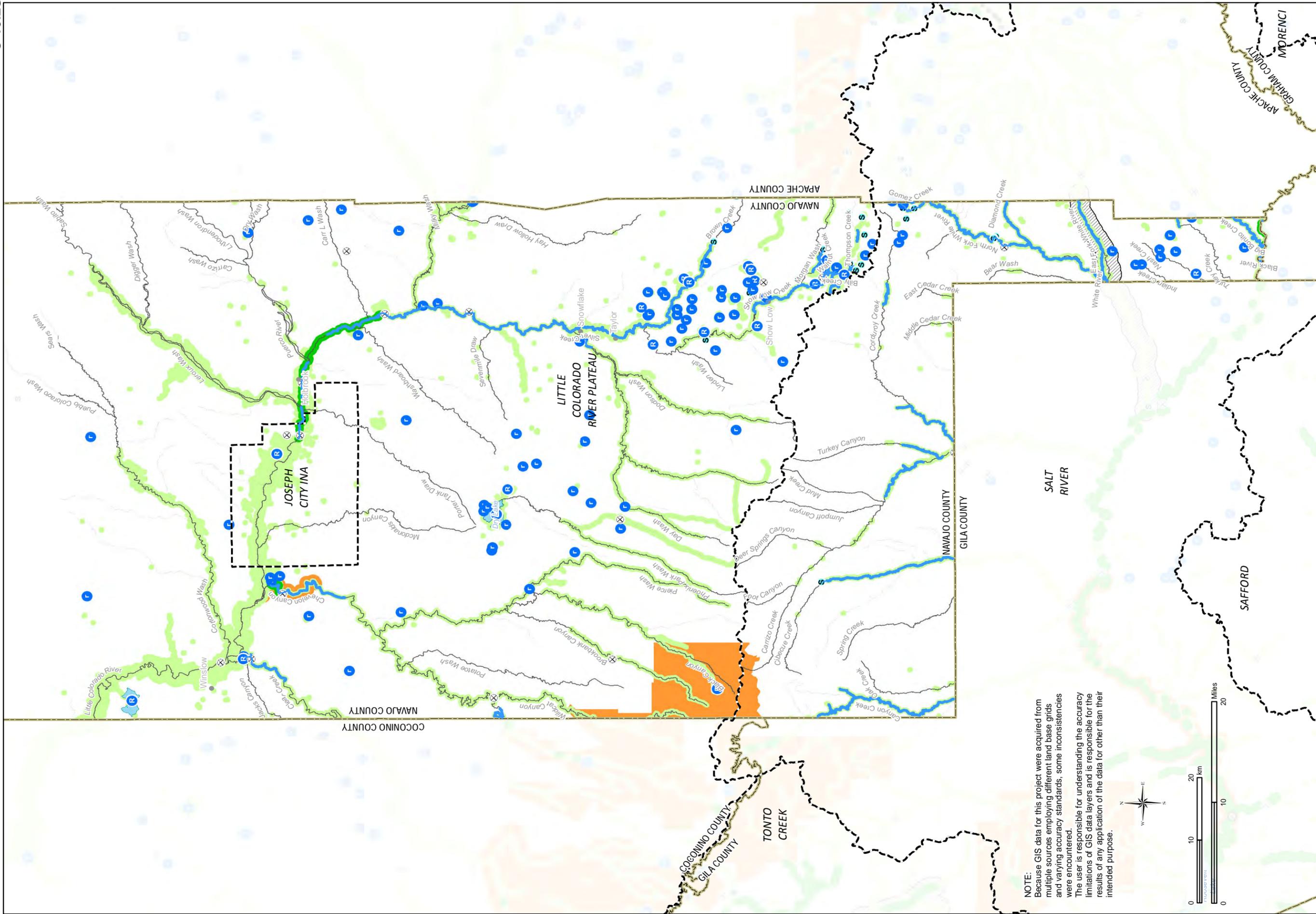
NAVAJO COUNTY (South Half) Land Tenure



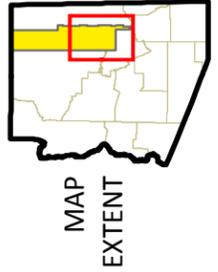
- Federal Conservation Land (USFS, BLM, NPS)
 - State Managed Conservation Land (AZGFD, AZSP)
 - BLM Land
 - National Forest
 - National Park
 - Military Reserve
 - Private or Other Land
 - State Trust Land
 - Tribal Land
-
- Town (GNIS)
 - County (ALRIS)
 - Groundwater Basin/AMA (ADWR)
 - Reservoir, Lake (NHD)
 - Perennial Flow (ADEQ, USGS)
 - River or Stream (ALRIS)
 - Instream Flow Certificate (ADWR)
 - Instream Flow Application (ADWR)
 - Federally Designed Wild and Scenic River (USFS)

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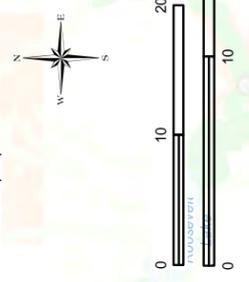




NAVAJO COUNTY (South Half) Natural Resources



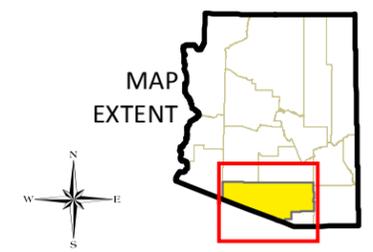
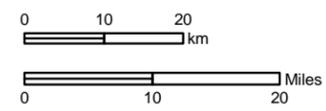
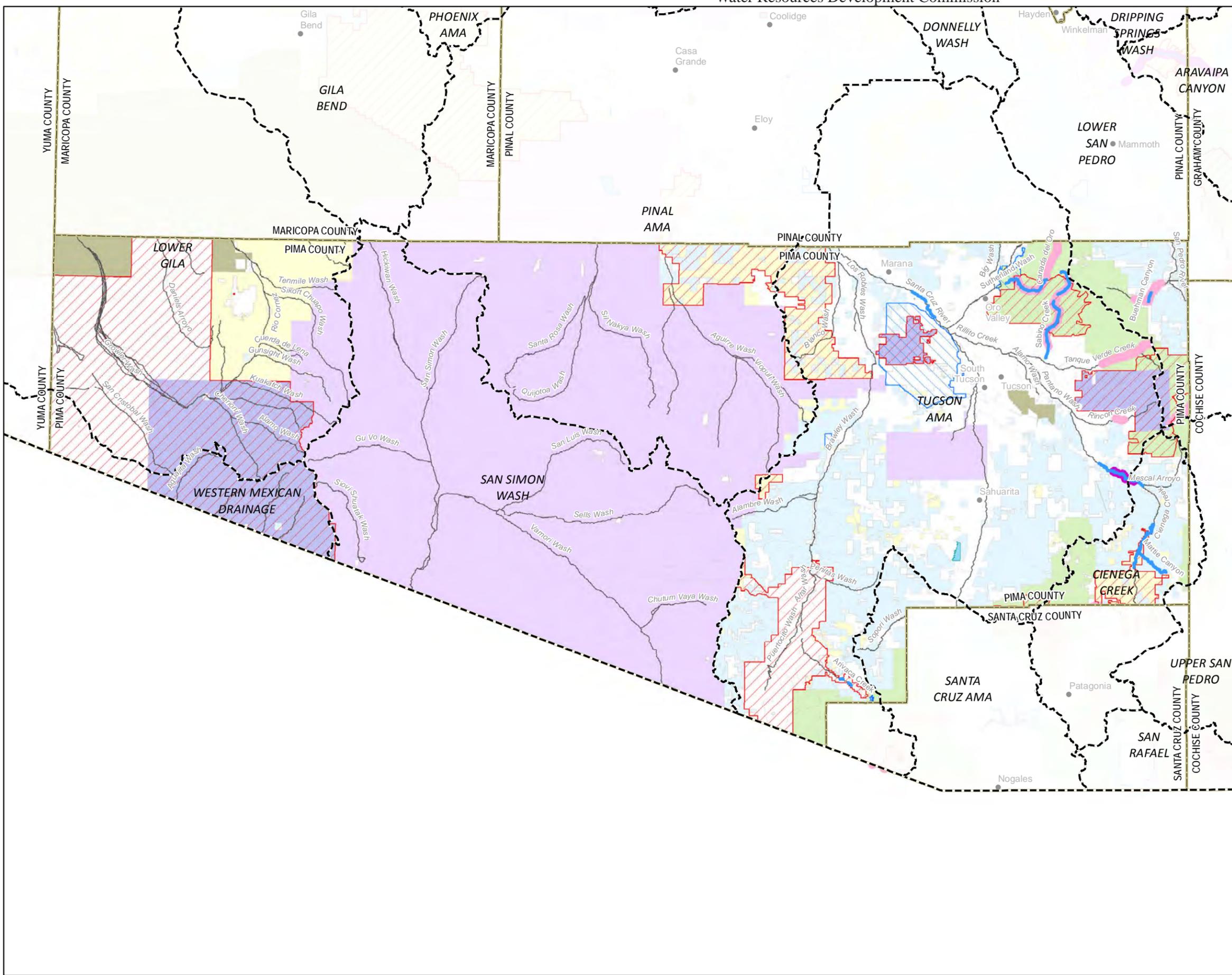
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- Town (GNIS)
- County (ALRIS)
- ▭ Groundwater Basin/AMA (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir, Lake (NHD)
- Major Spring (ADWR)
- Stream Gage (USGS, SWM Study)
- Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat Area (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)

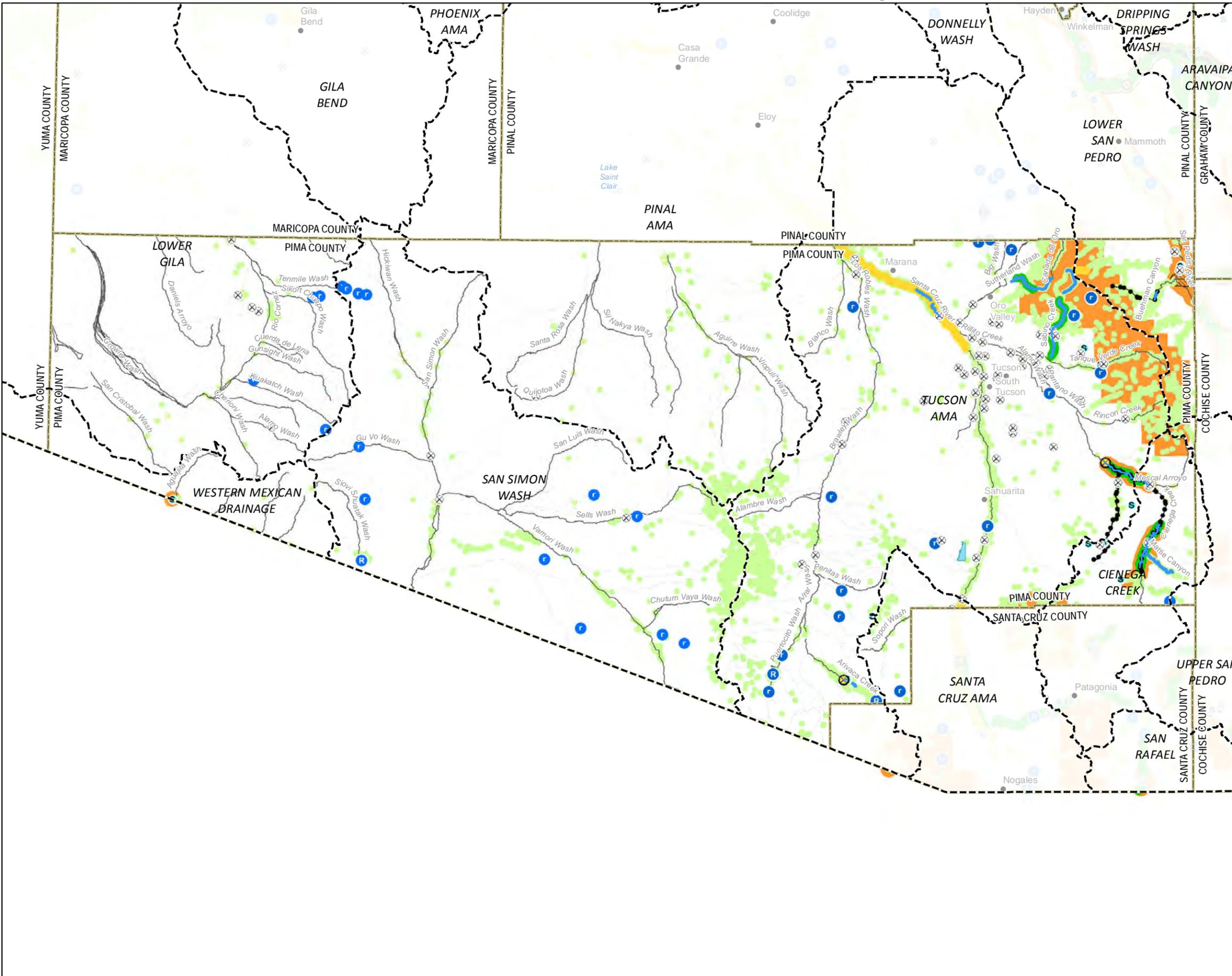
PIMA COUNTY Land Tenure

- Town (GNIS)
- ▭ County (ALRIS)
- - - Groundwater Basin/AMA (ADWR)
- ☪ Reservoir, Lake (NHD)
- ▬ Perennial Flow (ADEQ, USGS)
- ~ River or Stream (ALRIS)
- ▭ Instream Flow Certificate (ADWR)
- ▭ Instream Flow Application (ADWR)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▭ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- BLM Land
- National Forest
- National Park
- Military Reserve
- Private or Other Land
- State Trust Land
- Tribal Land

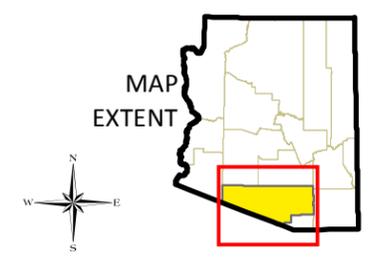
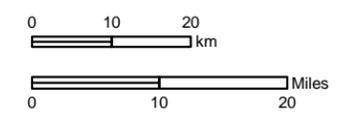


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PIMA COUNTY Natural Resources



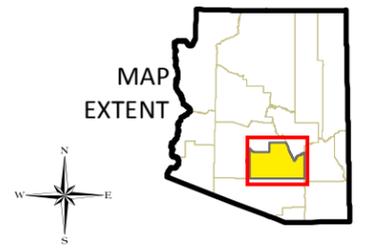
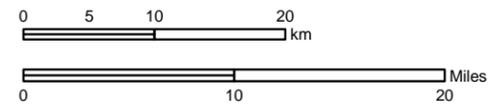
- Town (GNIS)
- County (ALRIS)
- ⊞ Groundwater Basin/AMA (ADWR)
- Small Reservoir (ADWR)
- Large Reservoir (ADWR)
- Reservoir, Lake (NHD)
- Major Spring (ADWR, Pima County)
- Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat Area (USFWS)
- ▨ Proposed ESA Critical Habitat (USFWS)



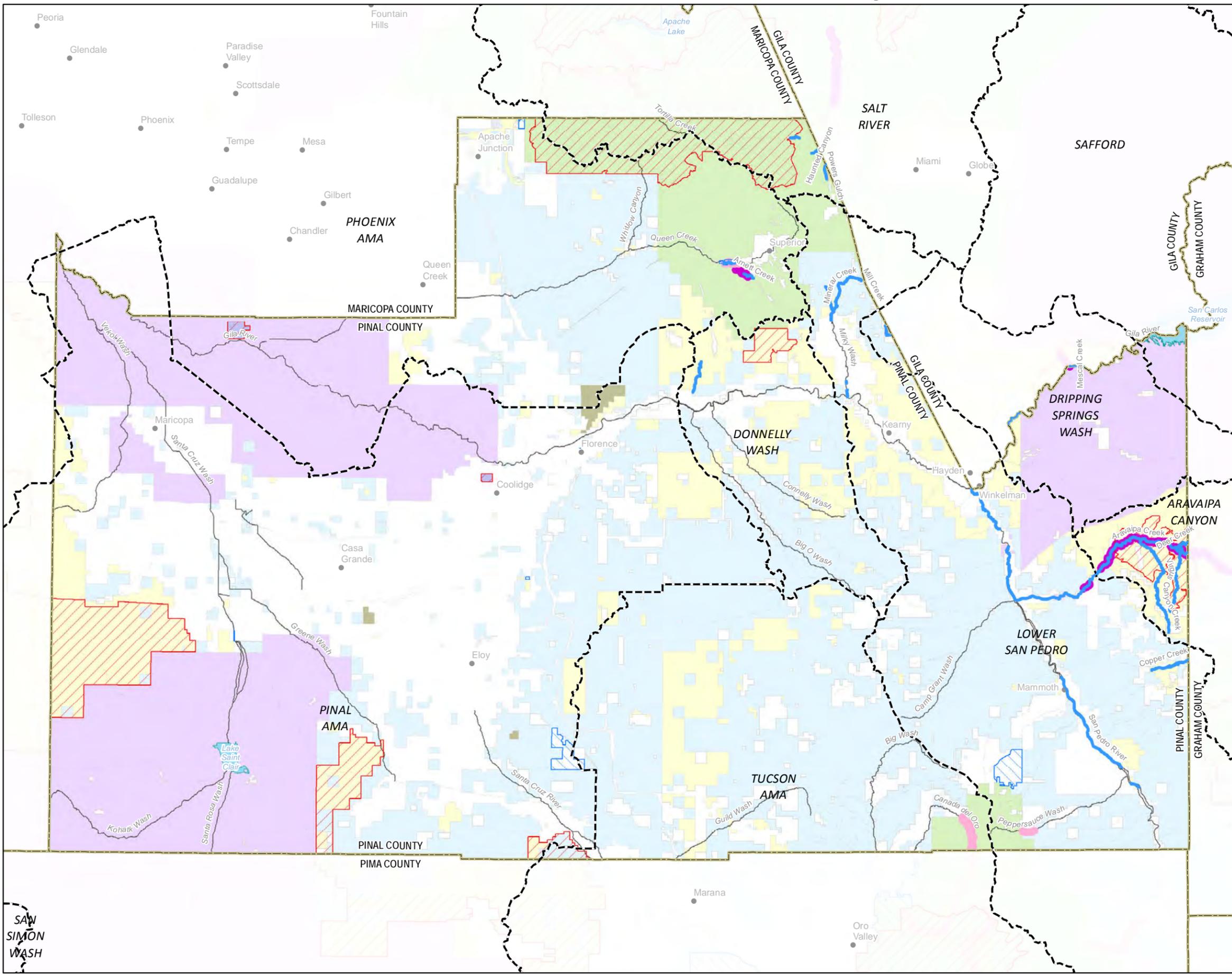
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PINAL COUNTY Land Tenure

- Town (GNIS)
- ▭ County (ALRIS)
- ⬡ Groundwater Basin/AMA (ADWR)
- 🌊 Reservoir, Lake (NHD)
- 🌊 Perennial Flow (ADEQ, USGS)
- 🌊 River or Stream (ALRIS)
- 🟡 Instream Flow Certificate (ADWR)
- 🟡 Instream Flow Application (ADWR)
- 🔴 Federally Designated Wild and Scenic River (USFS)
- 🔴 Federal Conservation Land (USFS, BLM, NPS)
- 🔵 State Managed Conservation Land (AZGFD, AZSP)
- 🟡 BLM Land
- 🟢 National Forest
- 🟠 National Park
- 🟤 Military Reserve
- ⬜ Private or Other Land
- 🟡 State Trust Land
- 🟣 Tribal Land



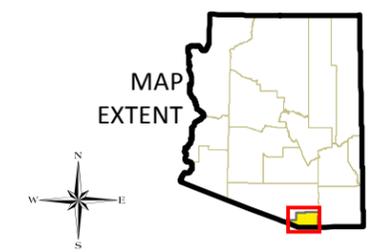
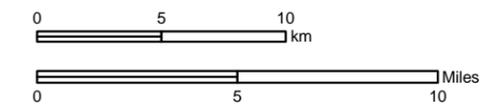
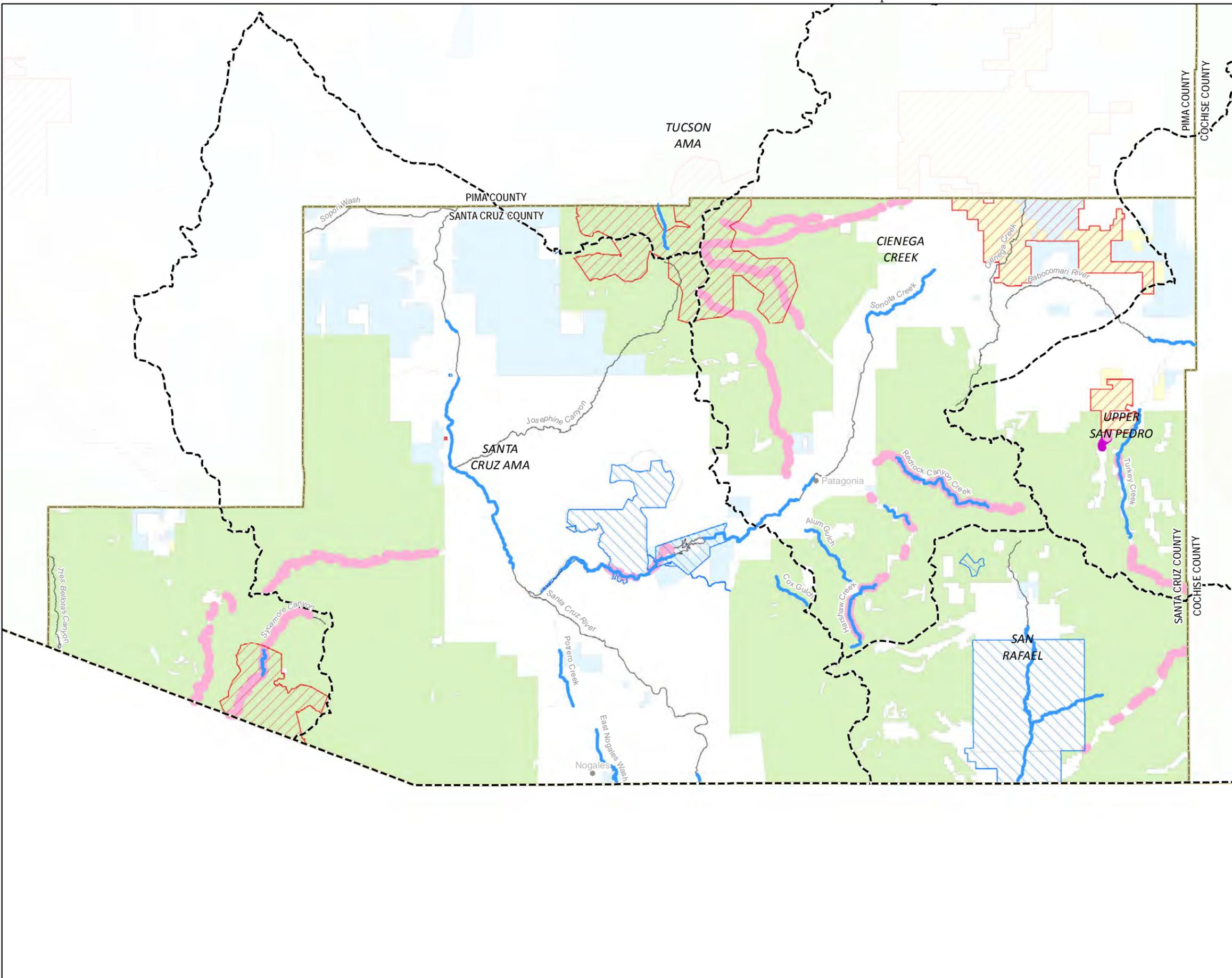
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SAW
SIMON
WASH

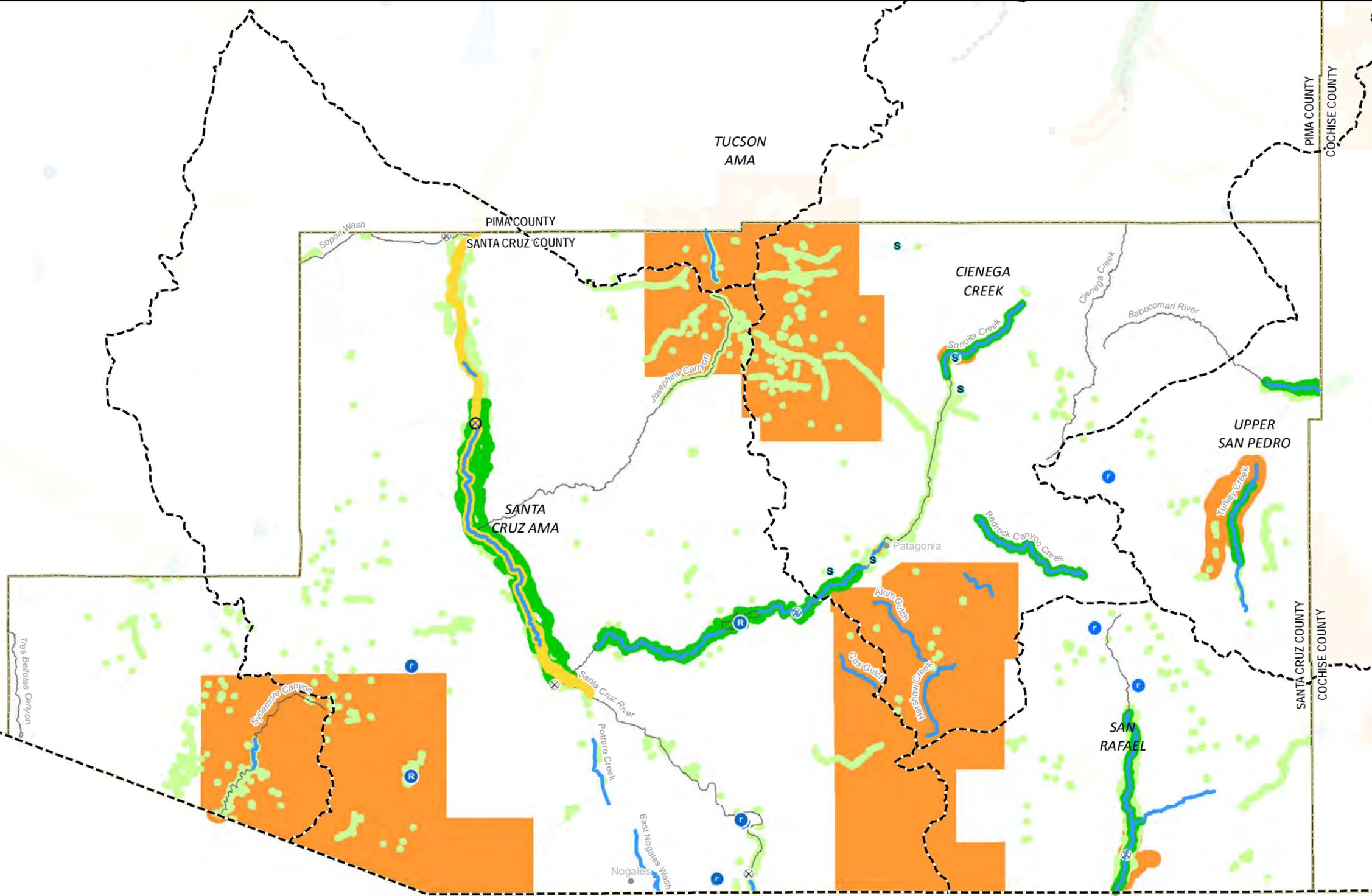
SANTA CRUZ COUNTY Land Tenure

- Town (GNIS)
- ▭ County (ALRIS)
- ▭ Groundwater Basin/AMA (ADWR)
- ☪ Reservoir, Lake (NHD)
- ▬ Perennial Flow (ADEQ, USGS)
- ▬ River or Stream (ALRIS)
- ▬ Instream Flow Certificate (ADWR)
- ▬ Instream Flow Application (ADWR)
- ▭ Federally Designated Wild and Scenic River (USFS)
- ▭ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- ▭ BLM Land
- ▭ National Forest
- ▭ National Park
- ▭ Military Reserve
- ▭ Private or Other Land
- ▭ State Trust Land
- ▭ Tribal Land

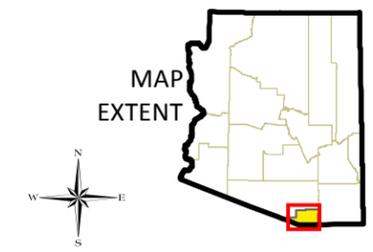
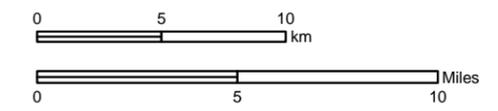


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SANTA CRUZ COUNTY Natural Resources

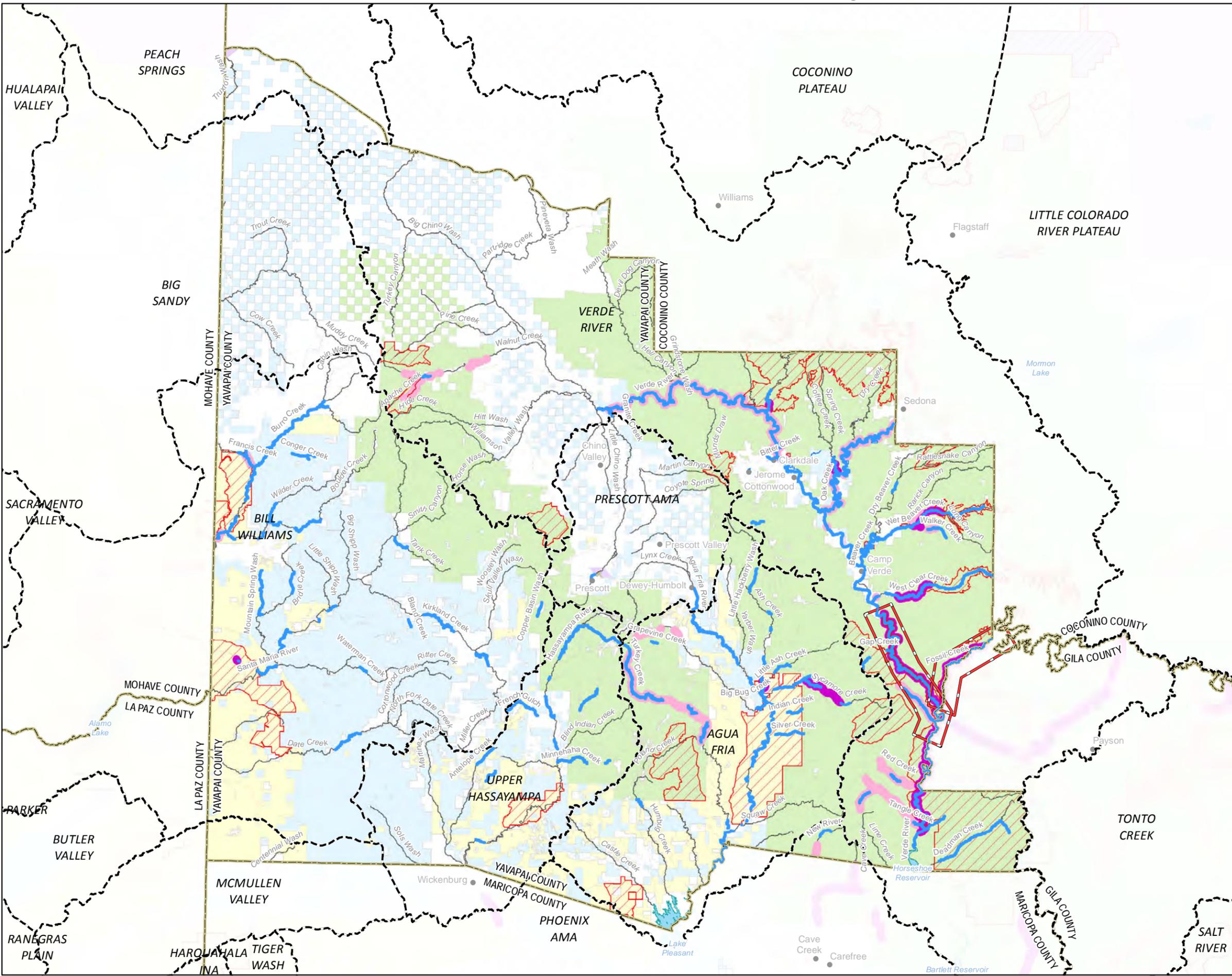


- Town (GNIS)
- County (ALRIS)
- Groundwater Basin/AMA (ADWR)
- ⊕ Small Reservoir (ADWR)
- ⊕ Large Reservoir (ADWR)
- ⊕ Reservoir, Lake (NHD)
- ⊕ Major Spring (ADWR)
- ⊕ Stream Gage (USGS, SWM Study)
- ⊕ Stream Gage (USGS)
- ⊕ Perennial Flow (ADEQ, USGS)
- ⊕ River or Stream (ALRIS)
- ⊕ Outstanding Arizona Water (ADEQ)
- ⊕ Effluent Dependent Stream (ADWR, NEMO)
- ⊕ 1993 Riparian Inventory (AZGFD)
- ⊕ Modeled Riparian Habitat (AZGFD)
- ⊕ Designated ESA Critical Habitat Area (USFWS)
- ⊕ Proposed ESA Critical Habitat (USFWS)

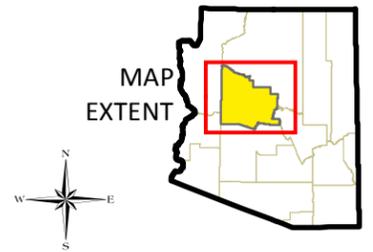
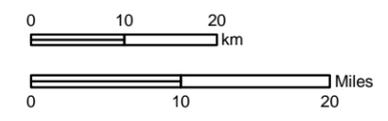


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YAVAPAI COUNTY Land Tenure

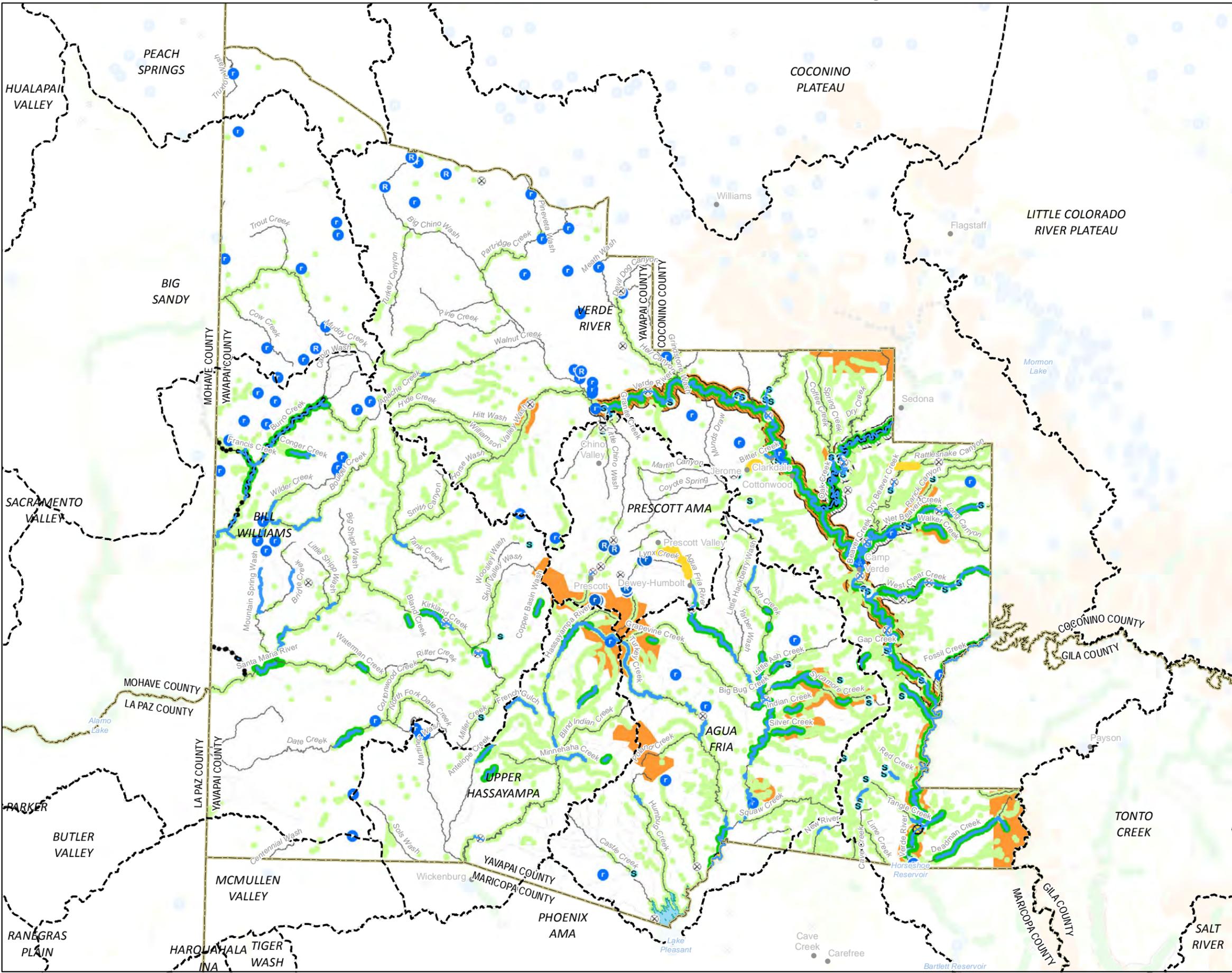


- Town (GNIS)
- County (ALRIS)
- ⬭ Groundwater Basin/AMA (ADWR)
- ☪ Reservoir, Lake (NHD)
- ▬ Perennial Flow (ADEQ, USGS)
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- ▬ Instream Flow Certificate (ADWR)
- ▬ Instream Flow Application (ADWR)
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- ▭ Federal Conservation Land (USFS, BLM, NPS)
- ▭ State Managed Conservation Land (AZGFD, AZSP)
- ▭ BLM Land
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- ▭ National Park
- ▭ Military Reserve
- ▭ Private or Other Land
- ▭ State Trust Land
- ▭ Tribal Land

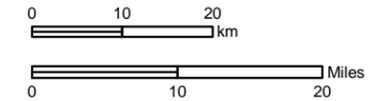


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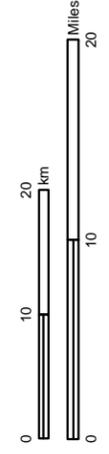
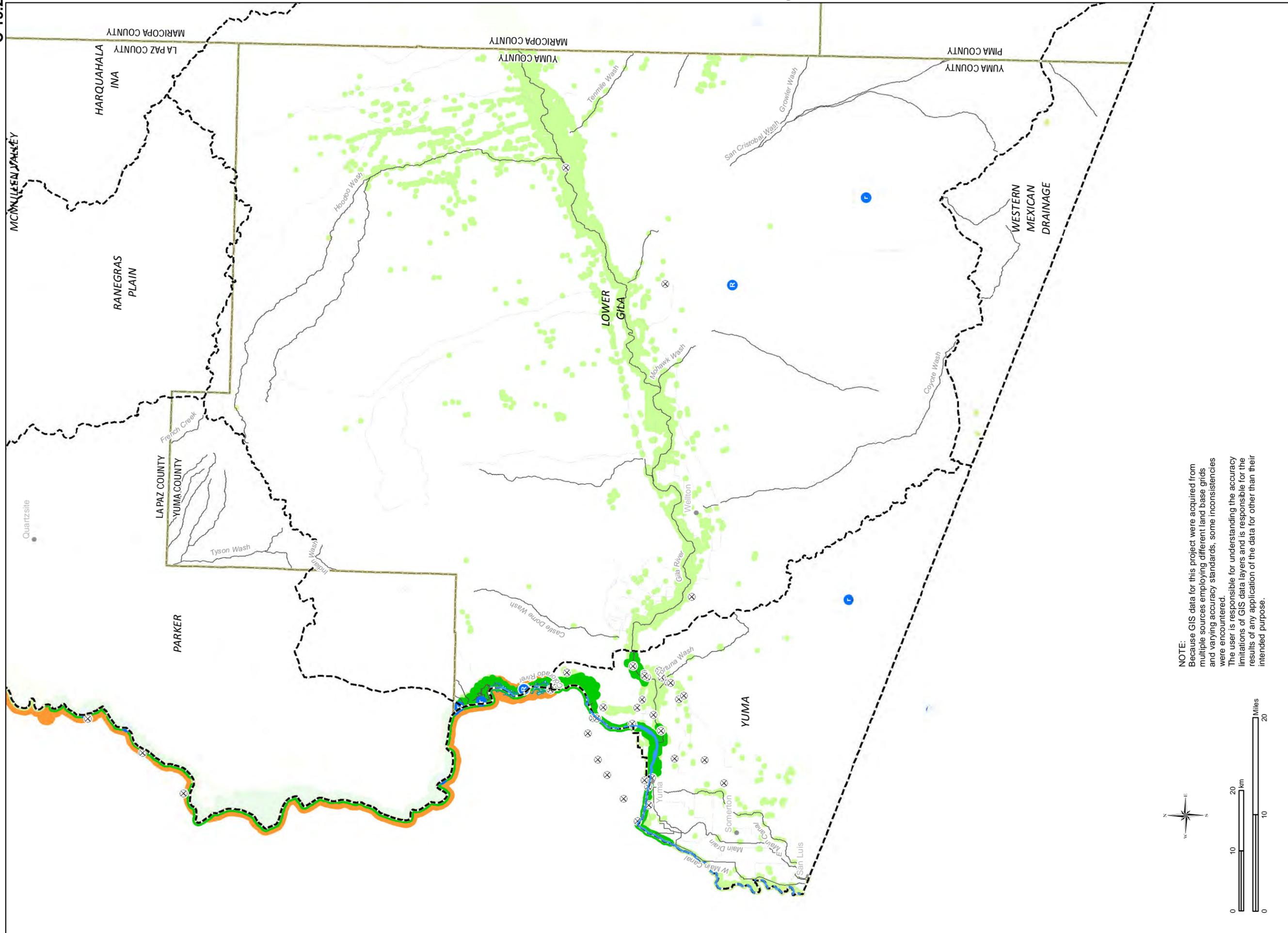
YAVAPAI COUNTY Natural Resources



- Town (GNIS)
- ▭ County (ALRIS)
- ▭ Groundwater Basin/AMA (ADWR)
- ⦿ Small Reservoir (ADWR)
- ⦿ Large Reservoir (ADWR)
- ⦿ Reservoir, Lake (NHD)
- ⦿ Major Spring (ADWR)
- ⦿ Stream Gage (USGS, SWM Study)
- ⦿ Stream Gage (USGS)
- ⦿ Perennial Flow (ADEQ, USGS)
- ⦿ River or Stream (ALRIS)
- ⦿ Outstanding Arizona Water (ADEQ)
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- ⦿ Modeled Riparian Habitat (AZGFD)
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- ⦿ Proposed ESA Critical Habitat (USFWS)

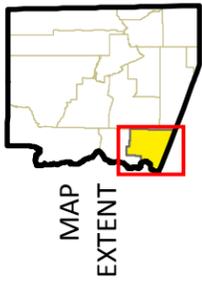


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- Major Spring (ADWR)
- Stream Gage (USGS, SWM Study)
- ⊗ Stream Gage (USGS)
- Perennial Flow (ADEQ, USGS)
- River or Stream (ALRIS)
- Outstanding Arizona Water (ADEQ)
- Effluent Dependent Stream (ADWR, NEMO)
- 1993 Riparian Inventory (AZGFD)
- Modeled Riparian Habitat (AZGFD)
- Designated ESA Critical Habitat Area (USFWS)
- Proposed ESA Critical Habitat (USFWS)



YUMA COUNTY Natural Resources